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ABSTRACT

This document, which is the third part of the African Education Research (AER) Project, presents a categorized listing of research resources and partially annotated bibliography of existing bibliographies intended for use by African researchers, decision makers, and other persons interested in education in Africa. The continuing sources of information are designed to help those who are dealing with contemporary education policies and problems to keep up with what is being done and to facilitate contacts with other persons and liaison among administrators, educators, and institutions who have similar concerns. Four types of information sources are included: (a) institutions and organizations with publications relevant to African education research; (b) information retrieval systems; (c) periodicals; and (d) indexes and abstracts. (The first part of the AER report is a description of the development of the classification scheme for educational research projects in Africa, and the second part of the report is the actual classification listing of 416 research projects.) (HMD)

ED 093851

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AFRICAN EDUCATION RESEARCH

PART THREE

CONTINUING RESEARCH RESOURCES

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION
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COMPILED BY

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SP008 220

MADISON, WISCONSIN
JUNE, 1974

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INTRODUCTION

This document presents a categorized listing of selected research resources and a partially annotated bibliography of existing bibliographies intended for use by African researchers, decision-makers and other persons and institutions interested in education in Africa. The continuing sources of information are designed to help those who are dealing with contemporary educational policies and problems both to keep up with what is being done concurrently with their own efforts and to facilitate establishment of contacts with other persons and liaison among administrators, educators and institutions who have similar concerns. It is hoped that the bibliography will be a valuable guide to publications on African education and research related to this subject. Librarians throughout the continent may find these lists useful in building and evaluating collections and may help patrons fit their work into a network of African education research.

CONTINUING SOURCES OF INFORMATION

There are four types of Continuing Sources of Information considered in this section: (a) institutions and organizations with publications relevant to African education research, (b) information retrieval systems, (c) periodicals, and (d) indexes and abstracts. A brief discussion of each division will indicate its usage.

Addresses and full listings of continuing research resource institutions are found at the end of Part Three to facilitate communication and coverage and to allow interested persons to put their names on mailing lists of appropriate organizations.[1]

Institutions and Organizations with Publications Relevant to African Education Research (AER). The institutions and organizations which can provide users with significant publications related to AER include international and national bodies, governmental agencies, universities, research units, and documentation cneters. (See Appendix A). Among their publications are directories, research listings, serials, occasional papers and monographs, books and articles, bibliographies, conference and annual reports, discussed in this order below. Although the specific publications are of interest, even more important is a knowledge of the producing bodies because they will provide an on-going source of information.

General directories which contain some AER information and can be used to both complement and supplement the present list are being produced by several international organizations. The *International Directory For Educational Liaison*

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[1] Many of the institutions discussed in this Part have been principal sources of information in compliling AER project data (see Appendix A, Part One). Organizations which have actively sponsored or undertaken AER projects over the period 1970-1974 are also listed in the Index of Institutions in Part Two.

of the Overseas Liaison Committee (OLC) has information on approximately 225 organizations, universities and research institutes concerned with education in the developing world and is available in both French and English. Other available directories are the *International Register of Organisations Undertaking Africanist Research in the Social Sciences and Humanities* (including universities) by the Research Information Liaison Unit of the International African Institute (RILU/IAI); *A Repertory of Documentation and Educational Research Centers in Africa*, a short French/English document produced by the Bureau Regional Pour l'Education en Afrique (BREDA); the *Aleed Directory of Specialists and Research Institutions* of UNESCO, and a *Catalogue of Social and Economic Development Institutes and Programmes*, with revised editions every few years by the Organisation for Economic Cooperation and Development (OECD). The first issue of OECD *Liaison Bulletin* was a "Directory of Development and Training Institutes in Africa".

Directories limited to rural development, educational planning, and other specific types of institutions are also available. For example, there are: the *Directory of Activities of International Voluntary Agencies in Rural Development in Africa* by the Economic Commission for Africa (ECA); *Education Planning: A Directory of Training and Research Institutions* by the International Institute for Educational Planning (IIEP); and *Agriculture Education and Training in Africa: A Directory of Institutions in Forty African Countries* by the Food and Agriculture Organization (FAO). The Standing Conference on Library Materials on Africa (SCOLMA) publishes a directory of institutions holding extensive library materials on Africa.

Many of the institutions and organizations in the attached list publish registers of on-going research. For education research carried out in the Commonwealth countries the most complete, on-going directory is put out by the Commonwealth Secretariat, *Education in the Developing Countries of the Commonwealth*. The *Register* is issued biennially and contains information from fifty-five organizations in twenty-one countries. The projects are categorized and cross-referenced using eighteen topics dealing with educational research, e.g. educational planning; student backgrounds and characteristics; curriculum; educational media. The descriptions of the projects are more complete than in most other registers. The Research Information Liaison Unit of the International African Institute (RILU/IAI) has published four annual volumes (1971-1974)of *Current Africanist Research* which include many projects on education, literacy, psychological studies and language, although curriculum development projects are excluded. Somewhat equivalent to this for francophone Africa is *Inventaire de Registres de la Recherche en Cours Dans le Domaine des Sciences Sociales et Humaines en Afrique Noire*, which is produced in France by the Centre d'Analyse et de Recherches Documentaires pour l'Afrique Noire (CARDAN).

The Association of African Universities (AAU) will soon publish a directory of both individual and departmental research carried out in African universities; a partial listing is already available. The International Bureau of Education (IBE) has an on-going *Register of Studies - Education Sector*. The African Studies Association (ASA) includes in its *African Studies Newsletter* (available free with membership) a list of AER projects in progress in the United States. Manchester University recently published for the Standing

Conference on University Teaching and Research in the Education of Adults (SCUTREA) a volume by C. D. Legge, *Adult Education Research in Progress in Britain 1973: A List of On-going Research Projects Concerned with All Types of Education for Adults*. A similar SCUTREA Register was published in 1972.

Other organizations issue less complete but still pertinent catalogs of research. The Centre International de Documentation Economique et Sociale Africaine (CIDESA) publishes an annual *Bulletin d'Information sur les Recherches dans les Sciences Humaines Concernant l'Afrique*. All entries are in French and English and each year there is a section reporting on the status of research reported in previous volumes. The coverage of AER is not extensive but it is useful. The Institut National de Recherche et de Documentation Pédagogique (INRDP) has a *Repertoire de Recherches en Cours dans le Domaine de l'Education*. The Institut d'Etude du Developpement Economique et Social (IEDES) issues *Travaux des Groupes de Recherche*. The annual report of the West African Examinations Council (WAEC) contains a valuable list of AER projects dealing with testing and measurement. The Child Development Unit of the East African Academy is another producer of on-going research listings. The Conference of Directors of Economic and Social Research Institutes in Africa (CODESRIA) is a new body which will attempt to collect, store, and exchange information on economic and social field research. The CODESRIA depository is located at the Institut Africain de Developpement et de Planfication (IDEP) of the United Nations which issues occasional reports and monographs.

Institutes of Education, Institutes of African Studies and other units at several African universities publish lists of current research. For example, the Department and Institute of Education at the University of Ibadan publish *Research in Progress;* the Institute of Social Research at Makerere University semi-annually publishes *Research and Publications;* the Institute of Ethiopian Studies puts out an annual *Register of Current Research on Ethiopia and the Horn of Africa;* also at HSIU, the Institute of Development Research issues a guide to its research activities and priorities; the Sudan Research Unit sponsors the *Sudan Research Information Bulletin;* the Institute of Development Studies at the University of Nairobi (IDS/Nairobi) periodically issues its *Research and Publications*. IDS/Nairobi has also published as an occasional paper entitled *An Inventory of Research on Education in Kenya*. The Institute of Development Studies located at the University of Sussex (IDS/Sussex) publishes a *Register of UK-Based On-going Research*. Contact with these institutions can provide a comprehensive and up-to-date idea of current research. Another method of keeping current on AER is to obtain lists of grants and awards to Africans doing research, e.g. those published by the African-American Scholars Council (AASC) and the Association for Teacher Education in Africa (ATEA), the Institute of International Education (IIE), the Ford Foundation, and the Carnegie Corporation, among several.

Dissertations in progress or completed both at institutions in Africa and abroad will also be found in the documents listed above. The *African Studies Newsletter* of the African Studies Association (ASA) lists disserations being done by Africans in the United States. *Dissertation Abstracts International* and the *Comprehensive Dissertation Index*, noted below in the section on indexes and abstracts, provide area and subject listings.

For the person interested in publications in the field of education, those organizations which publish serials are important. Serials are defined as publications appearing on a regular basis more than once a year, and available to anyone who wishes to subscribe. Those organizations producing serials which are listed in a subsequent division of the report are noted with an * in the directory which follows.

Occasional papers from the universities and related institutes provide reports on research soon after it is completed. Makerere, Ibadan, Cape Coast and IDS/Nairobi are among the most frequent producers of such reports. An example of this type of publication is C. H. Avisi's *Performance of Ghanaian Children on Some Piagetian Conservation Tasks: A University of Cape Coast School of Education Research Report* (Cape Coast, 1971).

A number of major books and monographs have been published by the organizations listed. For example, the International Labour Organization (ILO) has published *Nigerian Universities in the 70's* by A. B. Fafunwa. Recent publications of the Overseas Liaison Committee (OLC) include *The Emergent African University: An Interpretation* by C. W. de Kiewiet and *Enhancing the Contribution of Formal Education in Africa: Primary Schools, Secondary Schools and Teacher Training Institutions* by John W. Hanson.

Many of the organizations produce bibliographies. The African Bibliographic Center (ABC) is a major source of bibliographic information. ABC produces the Special Bibliographic Series and the Current Reading List Series. The ASA, the OLC, the Library of Congress (LC), and the International Bureau of Education (IBE) also produce bibliographies.

The United Nations family of agencies, including UNESCO, IBE, BREDA, FAO, and ECA are significant sources of discursive and bibliographic publications. Catalogs of the publications of all UN organizations can be obtained. IBE, for example, carries out on-going studies in education. The results of the studies are issued in a series called "Experiments and Innovations in Education." Studies to date have been on the following topics: adult education using the multimedia system, a project on school readiness, experiments for the reform of structures of primary and secondary education, and an introduction to understanding change in education. Under the auspices of BREDA, a study of "prototypes for optimum schools" is being conducted. The exercise is intended to help minimize construction costs and maximize the educational usefulness of facilities in Africa. Documents by the field experts carrying out the study will be issued by BREDA.

Reports of occasional conferences on African education are available from the sponsoring bodies. For example, ATEA holds an annual conference. The Institute of Education at Dar es Salaam published a report on the Universities of Eastern Africa Conference on Teacher Education, 1972. IBE organizes a biennial International Conference on Education which includes discussion by the 90 member states of UNESCO of major educational trends and more specific topics. The 35th session to be held in 1975 will concentrate on "the changing role of the teacher and the influence of this on the preparation for the profession and on in-service training." IBE attempts to involve both educational authorities and

research communities. Conference recommendations and reports are made available to member states. Especially important to Francophone Africa are the Annual Conferences des Ministres de l'Education Nationale des Etats d'Expression Francaise d'Afrique et de Madagascar, sponsored by the Association Universitaire pour le Developpement de l'Enseignement et de la Culture en Afrique et à Madagascar (AUDECAM). Studies and resolutions are distributed by AUDECAM. AUDECAM also carries out major educational studies as well as disseminating information on audio-visual materials and production. Annual reports of organizations, e.g. that of the Office de la Recherche Scientifique et Technique Outre-Mer (ORSTOM) are also continuing sources of information.

Finally, the African Bibliographic Center (ABC) and the Washington Task Force on African Affairs coordinate a unique audio service called HABARI (meaning "news" in KiSwahili). It is focused on African affairs around the world, U. S. congressional activities on Africa and foreign policy toward Africa, and general information including African education. The audio service is taped daily and can be dialed on (202) 659-2529. Copies of the recorded information are available from ABC on cassettes or in print on a subscription basis.

Information Retrieval Systems. An extremely important means of keeping in touch with educational research and publication now and increasingly in the future are the information retrieval systems. (See Appendix B). Some of these are still in the developmental stages. For example the International Bureau of Education (IBE) is building a system which will be operational in 1975. In connection with the development of this system, the first edition of the *UNESCO/IBE Education Thesaurus* (English to French) was published in 1973. It provides a faceted array of descriptors or "terms for indexing and retrieving documents and data in the field of education." (See Part One and Part Two of AER). There are plans to publish a new one every two years.

Other retrieval systems such as ERIC (Educational Resources Information Center) as yet have little information relevant to Africa but are interested in expanding in that direction. In addition to the central data bank in Washington, there are 16 ERIC clearinghouses located at institutions and organizations throughout the United States. Each clearinghouse has responsibility for "acquiring the significant educational literature within their particular areas, selecting the highest quality and most relevant material and processing the selected items for input to the data base." Examples of ERIC clearinghouses are those on higher education; counseling and personnel services; educational management; language and linguistics, etc. So far the ERIC system has concentrated on gaining bibliographic control of fugitive materials and other educational resources in the United States, but current policy dictates an extension into the African area. ERIC also puts out a *Thesaurus of ERIC Descriptors* containing 7200 educational terms to be used in connection with the information retrieval system and to facilitate the use of the indexes and documents that are part of the ERIC system. ERIC issues a monthly abstract journal *Research in Education: A Current Index to Journals in Education* (see Appendix D) and various catalogs of research reports. ERIC not only provides information relating to publications but actually produces many of the publications in either microfiche or hard copy.[2]

[2]Microfilm or microfiche is frequently the only economically feasible form in which to obtain information. The Microfilming Corporation of America, 21 Har-

DARE is the information retrieval system at the Social Science Documentation Centre(SSDC) of UNESCO. Eventually this social science clearinghouse hopes to maintain files on 3000 centers doing social science research around the world. At present, more than two-thirds of these centers are included in the SSDC/UNESCO files. Information is maintained on publications and on current research being carried out by the mailing of detailed questionnaires. Lists, such as *Social Scientists Specializing in African Studies*, are generated from their data. SSDC Report No.27 of the "Reports on Papers in the Social Sciences," explains the purposes and value of computerizing the system.

The MARC system (Machine Readable Cataloging) of the United States Library of Congress (LC), initiated and developed with support of the Council on Library Resources, is available only to subscribers (usually institutions or commercial organizations). *Information on the MARC System*, and the *MARC User Survey* are publications available from LC. Subscribers within and outside of the United States make use of the MARC system which has as one of its purposes the easy "transfer of cataloging information among nations" and "cooperative efforts to build national and international data bases at reduced cost." The usual service of MARC is to provide comprehensive cataloging information on certain types of publications, e.g. books, maps, etc. However, the system can be used for subject searches also. The Council on Library Resources under a grant from the Ford Foundation is also working on a project (CONSER) to produce a machine-readable file of all journals and periodicals held by libraries in the United States and Canada.[3]

African Studies Association (ASA) has a retrieval system and also sponsors CAMP (cooperative Africana Microform Project), perhaps the most useful system for persons in Africa. Although CAMP requires a membership fee, it is considerably reduced for institutions outside North America. CAMP was created to "facilitate the acquisition of microfilms or important, but often expensive or scarce Africana at joint expense and for common use." Another objective was to make available, through microform, to libraries in any part of the world, "the unique archives and documents that otherwise would have limited accessibility." CAMERA is the proposed British version of CAMP. Discussions are underway to coordinate the activities of the two.

The Central Library and Documentation Branch of the International Labour Office (ILO/BIT) has an operating retrieval system, ISIS (Integrated Scientific Information System), one of the best developed of the systems. A useful publication by ILO is the *General Description of Approaches to Computerized Bibliographic Control*. ISIS has a large data bank upon which to draw, which is especially strong in the area of education for employment. For example, a search for the AER project on "Education and Training in African Countries South of the Sahara" produced 278 bibliographic entries on both published and unpublished

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ristown Road, Glen Rock, New Jersey produces newspapers, periodicals and selected papers and records on microfilm. University Microfilms, Xerox Education Group, 300 N. Zeeb Road, Ann Arbor, Michigan, 48106, will publish on demand microfilm or microfiche of out-of-print books and periodicals, dissertations, documents and trade books. Frequently, information retrieval systems and production of information go hand in hand. See discussion of CAMP which follows in the text.

[3]The Council is also supporting the International Federation of Library Associations in its goal of developing Universal Bibliographic Control (UBC), for " a worldwide system for the exchange of bibliographic information in standardized form on all publications issued in all countries."

materials.

Professor W.G. Walker and Dr. P.K. Piele of Armidale Australia have made a proposal for an information retrieval system related to educational administration. Their publication is available from the ERIC Clearinghouse on Educational Management at the University of Oregon: *An Information Network for the Acquisition and Dissemination to Developing Countries of Abstracts of Documents and Bibliographies in Educational Administration.* They also intend to compile a directory of higher education institutions within the Commonwealth which offer courses on Educational Administration.

Periodicals. The periodicals included in this section and listed in Appendix C are among those which most often carry bibliographies or articles relating to education in Africa. All of them appear on a regular basis more frequently than once per year. Most of the serials listed are international in coverage. However, a few such as *Dialog: A Publication of the Ethiopian University Teachers' Association,* concentrate on the affairs of the country where they are published. As far as possible, citations include the name of the serial, where published, and the frequency with which it appears. For most entries the date that publication began is also stated.

Of the fifty-one serials listed, the most useful bibliographies for African education are: *A Current Bibliography of African Affairs; Comparative Education Review; Journal of the International African Institute; Africana Library Journal; The International African Bibliography* and the *Monthly Bulletin of African Materials.* The *Current Bibliography of African Affairs* has a section on African education in every issue. *African Report* lists most major U.S. publications dealing with Africa but in a less systematic manner. Most of these periodicals also carry book reviews.

For keeping up with research publications, the most extensive coverage can be found in *Comparative Education, Comparative Education Review, West African Journal of Education, African Studies Review, African Journal of Educational Research, and the Journal of Modern African Studies,* in combination with the serials published in individual African countries. The *Times Educational Supplement* also carries articles on educational trends in Africa from time to time.

To expand this list, refer to serial listings in the bibliographic section which follows. In addition to the bibliographies listing only serials, there are bibliographies with special sections devoted to serials. For example, Hanson and Gibson's *Education and Development Since 1960,* has an extensive list of serials "frequently cited" in their work. Aguolu's *Ghana in the Social Sciences* has a list of Ghanaian periodicals and an annotated list of non-Ghanaian periodicals. In each of the indexes found in the following division there is a list of serials including the addresses where they are published.

Indexes and Abstracts. Most indexes appearing in Appendix D are issued on a regular basis, but they are listed separately because they are an essential tool for using the periodicals. Abstracts are indexes with more information about the publications to which they refer. Indexes can save a great

deal of time for an investigator. Only those serials not covered by one of the indexes will have to be examined issue by issue. In addition to serving as subject guides the indexes with author arrangements can be used to locate publications which have come from projects with which the researcher is familiar. These indexes also can serve as retrospective bibliographies for the years they cover. *Ulrich's International Periodicals Directory: A Classified Guide to a Selected List of Current Periodicals, Foreign and Domestic, 15th ed.* (New York: R.R. Bowker Company, 1973-1974), lists most of the periodicals, indexes and abstracts found in Appendices C and D. Included in the notation for the periodicals is where they are indexed or abstracted. Therefore, Ulrich's would be a useful place to begin for the person interested in an indexing service for specific periodicals. *African Abstracts* and its French counterpart *Analyses Africanistes* ceased publication in 1972. They, therefore, can serve as retrospective indexes only.

The two indexes which do not appear on a regular basis are *African South of the Sahara: Index to Periodical Literature 1900-1970*, put out by the Library of Congress (with a supplement in 1973), and the *Comparative Dissertation Index, 1901-1970*. The LC index is especially useful for many journals which are indexed nowhere else. If supplements continue to appear, it will provide a major source of information.

Appendix A

INSTITUTIONS AND ORGANIZATIONS WITH PUBLICATIONS RELEVANT TO AFRICAN EDUCATION RESEARCH (AER)

*African-American Institute (AAI), 866 United Nations Plaza, New York, New York 10017

African-American Scholars Council (AASC), Suite 306, 1150 17th Street NW, Washington, D.C.

*African Bibliographic Center (ABC), Box 13096, Washington, D.C. 20009

*African Studies Association (ASA), 218 Shiffman Center, Brandeis University, Waltham, Massachusetts 02154

Ahmadu Bello University (ABU), Samaru, Zaria, Nigeria

Arnold-Bergstraesser-Institut fur Kulturwissenschaftliche Forschung (Arnold-Bergstraesser Institute for Socio-Political Research), 78 Freiburg, Eisenbrinzenstrasse 11

Association for Teacher Education in Africa (ATEA), University of Lagos, College of Education, Yaba, Lagos, Nigeria

Association of African Universities (AAU), P.O. Box 5744, Accra, Ghana

Association Universitaire pour le Développement de l'Enseignement et de la Culture en Afrique et à Madagascar (AUDECAM), 100, rue de l'Université, Paris, France

British Council, 65 David Street, London W1Y 2AA, England

Bureau de Liaison de Agents de Cooperation Technique, Paris, France

Bureau of Educational Research, University of Nairobi, P.O. Box 30197, Nairobi, Kenya

Bureau International du Travail (BIT), CH-1211, Genève 22, Suisse -- see also ILO.

Bureau Régional pour l'Education en Afrique (BREDA), 12 Avenue Roumé, B.P. 3311, Dakar, Sénégal

Cape Coast, University, Cape Coast, Ghana

*Centre d'Analyse et de Recherches Documentaires pour l'Afrique Noire (CARDAN), 20, rue de la Baume, 75 Paris 8e, France

Centre de Documentation Sciences Humaines, 54, Bd Raspail, Paris 6e, France

Centre de Recherches Interdisciplinaire pour le Développement de l'Education (CRIDE), Université Nationale de Zaire, Kisangani Campus, Kisangani, Zaire

*Centre d'Etude et de Documentation Africaines (CEDAR), Place Royale 7, Bruxelles

Centre International de Documentation Economique et Sociale Africaine (CIDESA) or International Centre for African Economic and Social Documentation, Place Royale 7, 1000 Brussels, Belgium

Commonwealth Council for Educational Administration, University of New England, Armidale, N.S.W. 2351, Australia

Commonwealth Secretariat, Marlborough House, Pall Mall, London SW1, U.K.

Conference of Directors of Economic and Social Research Institutes in Africa (CODESRIA), B.P. 3186, Dakar, Senegal

Dar es Salaam, University, Institute of Education, P.O. Box 35094, Dar es Salaam, Tanzania

East African Academy Research Information and Publications Services (EAARIPS), P.O. Box 30756, Nairobi, Kenya

Economic Commission for Africa (ECA), P.O. Box 3001, Addis Ababa, Ethiopia

Education Development Center (EDC), Newton, Massachusetts

*Educational Resources Information Center (ERIC), ERIC/Higher Education, Suite 630, One Dupont Circle, Washington, D.C. 20036 (Retrieves data from all 16 ERIC centers in the U.S.)

Food and Agriculture Organization of the United Nations (FAO), Terme de Caracalla, Rome, Italy

Ford Foundation, 320 E. 43rd Street, New York, New York 10017, African regional offices: P.O. Box 2368, Lagos, Nigeria; B.P. 2769, Abidjan, Ivory Coast; P.O. Box 41081, Nairobi, Kenya

Forschungsinstituts der Friedrich-Ebert-Stiftung (Research Institute of the Friedrich-Ebert-Stiftung), 53 Bonn-Bad Godesberg, Kolner Str 149

*Ghana, University, Legon, Accra, Ghana

*Ibadan, University, Ibadan, Nigeria

Institut Africain de Développement Economique et de Planification (IDEP), B.P. 3186, Dakar, Senegal

Institut d'Etude du Développement Economique et Social (IEDES), Université de Paris I, 5, rue des Colonnes du Trone, Paris 12e, France

Institut Fondamental d'Afrique Noire (IFAN), Université de Dakar, B.P. 206, Dakar, Senegal

Institut International de Recherche et de Formation (IRFED), 49 Rue de la Glacière, 75 Paris 13, France

Institut National de Recherche et de Documentation Pédagogique (INRDP), Paris, France

*Institute for African Studies, University of Zambia, P.O. Box 2379, Lusaka, Zambia (Formerly Institute for Social Research)

Institute fur Wirtschaftsforscung, Africa Studienstelle (IFO-Institute for Economic Research), Munchen 86, Poschingerstr 5.

*Institute of Development Studies (IDS/Nairobi), University of Nairobi, Nairobi, Kenya

Institute of Development Studies (IDS/Sussex), University of Sussex, Brighton, England

Institute of Ethiopian Studies, Haile Sellassie I University, (HSIU), P.O. Box 1176, Addis Ababa, Ethiopia

Institute of International Education (IIE), 809 United Nations Plaza, New York, New York 10017

Institute of Social Studies, 27 Molenstraat, The Hague, Netherlands

International African Institute (IAI), Research Information Liaison Unit, 210 High Holborn, London WC1V 7BW, U.K.

*International Bureau of Education (IBE), Palais Wilson, 1211, Geneva, Switzerland

International Center for African Economic and Social Documentation (ICAESD), Brussels 4, Belgium

International Council for Educational Development (ICED), P. O. Box 217, Essex, Connecticut 06426

International Council on Education for Teaching, One Dupont Circle, Washington, D.C. 20036

International Institute for Educational Planning (IIEP), 7, rue Eugène-Delacroix, Paris 16e, France

*International Labour Organization (ILO), CH-1211, Geneva 22, Switzerland

Language Association of Eastern Africa (LAEA), P.O. Box 30641, Nairobi, Kenya

Library of Congress (LC), African Section, 1040C Annex, 2nd and Independence Avenues, Washington, D.C.

Makerere University, P.O.Box 7062, Kampala, Uganda
Manchester University, Oxford Road, Manchester M13 9PL, England
National Institute of Education, Makerere University, Kampala, Uganda
Nigeria, University, East Central State, Nsukka, Nigeria
Nigerian Educational Research Council (NERC), 17a Aziklwe Street, Lagos, Nigeria
Office de la Recherche Scientifique et Technique Outre-Mer (ORSTOM), 24 rue Bayard, 75, Paris 8e, France
*Organization for Economic Cooperation and Development, (OECD), 2 rue André-Pascal 75775, Paris, Cedex 16, France
Overseas Development Institute (ODI), 10-11 Percy Street, London W1P 0JB, England
Overseas Liaison Committee (OLC), American Council on Education, Suite 320, One Dupont Circle, Washington, D.C. 20036
Phelps-Stokes Fund, 10 East Eighty-Seventh Street, New York, New York 10028
Standing Conference on Library Materials on Africa (SCOLMA), c/o The Library, School of Oriental and African Studies, (SOAS), Malet Street, London, England WC1
Stanford International Development Education Center (SIDEC), School of Education, Stanford University, Stanford, California
Sudan Research Unit, University of Khartoum, P.O.Box 321, Khartoum, Sudan
*United Nations Educational, Scientific and Cultural Organization (UNESCO), Place de Fontenoy, 75 Paris 7e, France
United States Agency for International Development (USAID), Technical Assistance Bureau, Human Resources Division, 21st and C. Streets, Washington, D.C.
*West African Examinations Council (WAEC), Registrar, Accra, Ghana (The Test Development and Research Office (TEDRO) of WAEC is located in Lagos, Nigeria)
West African Linguistics Society (WALS), c/o Department of Linguistics, University of Ghana, Legon, Accra, Ghana
Zaire, Université Nationale (UNAZA), B.P. 127, Kinshasa, Zaire
Zambia, University, Lusaka, Zambia

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* Indicates organizations producing serials listed in Appendix C.

Appendix B

INFORMATION RETRIEVAL SYSTEMS

African Studies Association Data Retrieval System, 218 Shiffman Center, Brandeis University, Waltham, Massachusetts 02154.

Consolidated Serials (CONSER), Council on Library Resources, One Dupont Circle, Washington, D.C. 20036.

Cooperative Africana Microform Project (CAMP), The Center for Research Libraries, 5721 Cottage Grove Avenue, Chicago, Illinois 60637.

DARE Informational Retrieval System, Social Science Documentation Centre, UNESCO, Place de Fontenoy, Paris 7e, France.

Educational Resources Information Center (ERIC), ERIC/Higher Education, Suite 630, One Dupont Circle, Washington, D.C. 20036. (Information on the other 15 ERIC centers in the United States can be obtained at this address.)

Information Network for the Acquisition and Dissemination to Developing Countries of Abstracts of Documents and Bibliographies in Educational Administration. c/o Professor W.G. Walker and Dr. P.K. Piele, Faculty of Education, Commonwealth Council for Educational Adminisitration, University of New England, Armidale, N.S.W. 2351, Australia.

International Bureau of Education (IBE/UNESCO) Information Retrieval System, Palais Wilson, 1221, Geneva, Switzerland.

Integrated Scientific Information System (ISIS), International Labour Office of the International Labour Organization, CH 1211, Geneva 22, Switzerland.

Machine Readable Cataloging (MARC), Library of Congress Annex, 2nd and Independence Avenues, N.W., Washington, D.C.

Appendix C

PERIODICALS

Africa: Journal of the International African Institute. London: Oxford University Press, 1928-present.
"Bibliography of Current Publications," a classified list of several hundred titles of books and pamphlets, periodical articles and documents fills about 10 or more pages in each issue. Among the classes is education. Text in English, French or German. Quarterly.

African Adult Education. Oxford: Pergamon Press. Journal of African Adult Education Association.

African Affairs: Journal of the Royal African Society. London: RAS, 1901-present.
Current bibliography of books and documents, in geographical arrangement. Most works cited are in English; main publications of African countries are included. Recent issues have a bibliography of articles on Africa appearing in non-Africanist journals. Scholarly articles. Specially compiled bibliographies. Quarterly with annual index.

African Journal of Educational Research (AJER). Ibadan: Department and Institute of Education, University of Ibadan.
Provides an African-based forum for communicating ideas, techniques and findings of empirical educational research for educators and educational scholars of all nationalities but special emphasis is placed on problems and issues relating to education in Africa. Twice yearly.

African Research and Documentation. Birmingham: Centre of West African Studies, University of Birmingham.
(P.O. Box 363, Birmingham, B15 2TT, U.K.), Issue #1, January 1973. Combines *Bulletin of the African Studies Association of the United Kingdom* and *Library Materials on Africa*, the newsletter of the Standing Conference on Library Materials on Africa (SCOLMA).

African Social Research (supercedes *Rhodes-Livingstone Journal*). Institute for African Studies, University of Zambia, 1944 to present.
(P.O. Box 2379, Lusaka, Zambia or Manchester University Press, 316-324 Oxford Road, Manchester M139 NR, England). Two times yearly.

African Studies Newsletter. Waltham: African Studies Association, Brandeis University. 1968-present.
(Shiffman Center 218, Waltham, Mass. 02154). Six-nine issues per year.

African Studies Review. East Lansing: African Studies Center, Michigan State University, for the African Studies Association.
Formerly known as the *African Studies Bulletin.* This periodical is numbered consecutively from the last issue of *African Studies Bulletin.* Three times yearly.

Africana Library Journal: A quarterly bibliographical and news bulletin. New York: Africana Publishing Corporation. 1970-present.
Quarterly.

Africana Newsletter. Stanford, California: Hoover Institute. 1962-1964.
Absorbed by *African Studies Bulletin.* Quarterly, Volume 1; semi-annual, Volume 2.

American Journal of Sociology. Chicago: University of Chicago Press, 1895-present.
(5801 S. Ellis Avenue, Chicago, Illinois, 60637)
Bi-monthly.

Cahiers d'Etudes Africaines. The Hague: Ecole Practique des Hautes Etudes, 1960-present.
(Mouton & Co., Sorbonnes, 5 Herderstraat, The Hague, Netherlands)
Text in English and French. Quarterly.

Cahiers Economiques et Sociaux. Kinshasa: Institut de Recherches Economique et Sociaux, 1962-present.
(Université Lovaniun, Box 257, Kinshasa, Zaire)
Quarterly.

Canadian Journal of African Studies Journal Canadien des Etudes Africaines. Montreal: Loyola College for the Committee on African Studies in Canada. 1967-present.
Devoted to African research in the humanities and social science. Text in English and French. Semi-annual.

Careers. Ibadan: Jointly by Department and Institute of Education, University of Ibadan, and the Nigerian Careers Council.
Journal on guidance and counselling. Twice yearly.

Comparative Education: An International Journal of Comparative Studies. Dorchester-on-Thames: Carfax Publishing Company, 1965-present.
(Haddon House, Dorchester-on-Thames, Oxford OX9852, England). Three issues per year.

Comparative Education Review. Madison: University of Wisconsin. 1956-present.
Comparative and International Education Society. Includes bibliographies. Three issues per year.

Current Bibliography of African Affairs. Farmingdale: Baywood Publishing Company, for African Bibliographic Center, Washington, D.C.
(Baywood Publishing Company, 43 Central Drive, Farmingdale, New York 11735)

Dialog: A Publication of Ethiopian University-Teachers' Association. Addis Ababa: Ethiopian University Teachers' Association.
English and Amharic.

Education Digest. Ann Arbor: Prakken Publications, 1935-present.
(416 Longshore Drive, Ann Arbor, Michigan 48107).
Monthly (September-May).

Education in Eastern Africa. Nairobi: East Africa Publishing House, 1970-present. (East Africa Publishing House, Uniafric House, Koinange Street, Box 30571, Nairobi, Kenya). Published for the Regional Council for Education. Semi-annual.

Educational Documentation and Information. Paris: UNESCO, 1926-present. (Place de Fontenoy, 75 Paris 7, France). Bulletin of the International Bureau of Education (IBE). Quarterly.

Educational Research. Sussex, England. (Kingthorne House, School Road, Hove, Sussex, England). Three times per year.

Ethiopian Journal of Education. Addis Ababa: Haile Sellassie University. (Faculty of Education, Haile Sellassie I University, Addis Ababa, Ethiopia).

Etudes Dahoméennes. Porto-Novo, Dahomey: Institut de Recherches Appliquées du Dahomey, 1963-present. Quarterly.

Genève-Afrique. Geneva: Institute Africain de Genève, 1962-present. In English and French. Semi-annual.

Ghana Journal of Education. Accra, Ghana. (P.O. Box M45, Accra, Ghana). Quarterly.

International African Bibliography: Current Books, Articles and Papers in African Studies. London: University of London, School of Oriental and African Studies. 1971-present. Quarterly.

International Journal of Adult and Youth Education. Paris: UNESCO. (Place de Fontenoy, Paris 7e, France). Quarterly.

International Review of Education. The Hague, Netherlands, 1955-present. (Lange Voorhout 9-11, The Hague). Quarterly.

IDS Bulletin. Nairobi: Institute for Development Studies. (Institute for Development Studies, University of Nairobi, P.O. Box 30197, Nairobi, Kenya).

Intellect (formerly *School and Society*); The Magazine of Educational and Social Affairs. New York: Society for the Advancement of Education. (1860 Broadway, New York, New York 10023).

Journal. Paris: Societé des Africanistes, 1931-present. Two issues per year.

Journal of Eastern African Research and Development. Nairobi: East African Literature Bureau. (East African Literature Bureau, P.O. Box 30022, Nairobi, Kenya). Two issues per year.

Journal of Education. Boston: Boston University School of Education. (765 Commonwealth Avenue, Boston, Massachusetts, 02215). Quarterly.

Journal of Educational Measurement. East Lansing: Michigan State University, 1964-present. (National Council on Measurement in Education, Office of Evaluation Services, Michigan State University, East Lansing, Michigan, 48823). Quarterly.

Journal of Modern African Studies: A Quarterly Survey of Politics, Economics and Related Topics in Contemporary Africa. Cambridge, England; and New York: Cambridge University Press, 1963-present. Quarterly.

Journal of Negro Education: A Quarterly Review of Problems Incident to the Education of Negroes. Lancester, Pennsylvania: Lancester University Press, 1932-present. (Published for the College of Education, Howard University, Washington, D.C.)

Literacy: A Newsletter. Paris: UNESCO, 1970-present. (Place de Fontenoy, 75700 Paris, France). Four issues per year.

Monthly Bulletin of African Materials. Boston: Africa Studies Center, Boston University.

Prospects: Quarterly Review of Education. Paris: UNESCO, 1969-present. (Place de Fontenoy, 75700 Paris, France). Quarterly.

Research Review. Legon: Institute of African Studies, University of Ghana, Legon, Accra, Ghana. Three times per year.

La Revue Zaïroise de Psychologie et de Pédagogie. Kinshasa: UNAZA, Kinshasa, Zaire.

Research in Education. Washington: Educational Resources Information Center. (Suite 630, One Dupont Circle, Washington, D.C. 20036). Monthly.

Rural Africana. East Lansing, Michigan: Michigan State University African Studies Center.

Sierra Leone Journal of Education. Freetown: University of Sierra Leone, 1966-present. (c/o Department of Education, Fourah Bay College, University of Sierra Leone, Freetown, Sierra Leone). Semi-annual.

Teachers College Record: A Professional Journal of Ideas, Research and Informed Opinion. New York: Columbia University Teachers College, 1900-present.
(525 West 120th Street, New York, New York 10027). Quarterly.

Times Educational Supplement. London: Times Publishing Co., Ltd.
(Printing House Square, 201 East 42nd Street, New York, New York 10017). Weekly.

Times Higher Educational Supplement. London: Times Newspapers Limited.
(Printing House Square, in the Parish of St. Andrews-by-the-Wardrobe with St. Ann Blackfriars, London EC 4P 4DE, England, U.K.). Weekly.

West African Journal of Education. Ibadan, Nigeria: University of Ibadan Institute of Education, 1958-present.
Three times per year.

West African Journal of Educational and Vocational Measurement. Lagos, Nigeria: West African Examinations Council, Test and Development Research Office, 1973-present.

Appendix D

INDEXES AND ABSTRACTS

Abstracts of Research and Related Materials in Vocational and Technical Education. Columbus: ERIC Clearinghouse, Center for Vocational and Technical Education, Ohio State University, 1960.
(Vermy Road, Columbus, Ohio 43210).

African South of the Sahara: Index to Periodical Literature, 1900-1970. First Supplement. Washington, D.C.: United States Library of Congress, African Section, 1973.
Supplement has an author index and forms of ethnic names used.

African Abstracts: Quarterly Review of Articles Appearing in Current Periodicals. London: International African Institute, 1950-1972.
Ceased publication in October, 1972.

Analyses Africanistes. Paris: CARDAN, 1972.
Ceased publication in 1972.

Bibliographic Index, The. New York: Wilson and Company, 1938-present.
(950 University Avenue, Bronx, New York). Quarterly.

British Education Index. London: British National Bibliography, 1961-present.
(7-9 Rathbone Street, London W1P 2 England, U.K.). Published quarterly and annually.

Canadian Education Index/Répertoire Canadien sur l'Education: a Quarterly Index to Books, Reports, Pamphlets, and Periodical Articles on Education Published in Canada. Toronto: Canadian Education Association, 1965-present.
(252 Bloom Street, West, Toronto M5S 1V6, Ontario, Canada). Quarterly.

CIRF Abstracts. Geneva: CIRF Publications, International Labour Office (ILO/BIT), 1974.
(CH1211 Geneva, Switzerland). A semi-monthly abstracting service for vocational training specialists all over the world, abstracting selected articles on vocational training that appear in the world press.

Comprehensive Dissertation Index, 1861-1972. 37 volumes. Ann Arbor: Xerox, University Microfilms, 1973.

Current Index to Journals in Education. Washington: ERIC, 1974.
(ERIC/Higher Education, Suite 630, One Dupont Circle, Washington, D.C. 20036). Published monthly.

Education Abstracts. Paris: UNESCO, 1974.
(UNESCO, Place de Fontenoy, Paris, 7e France). Published in English, French and Spanish every quarter.

Education Index: an Author-Subject Index to Educational Publications in the English Language. New York: Wilson and Company, 1929-present.
(950 University Avenue, Bronx, New York).
Published monthly from September to June.

Index to African Educational Journals/Index des Revues Pédagogiques Africaines. Accra: Regional Office of UNESCO, 1967-1971.
(Since 1972 the Regional Office of UNESCO has been known as BREDA and has been relocated in Dakar, Senegal).

Psychological Abstracts. Washington: American Psychological Association, Inc., 1927-present.
(1200 17th Street, N.W., Washington, D.C. 20036).
Published monthly.

Public Affairs Information Service Bulletin. New York: Public Affairs Information Service, Inc., 1915-present.
(11 West 40th Street, New York, NY 10018).
Weekly and annual bound volumes. Five-year cumulations.

Social Sciences and Humanities Index: an Author and Subject Index to Periodicals in the Fields of Anthropology, Archaeology, and Classical Studies, Area Studies, Economics, Folklore, Geography, etc. New York: Wilson and Company, 1974.
(950 University Avenue, Bronx, New York).

Ulrich's International Periodicals Directory: a Classified Guide to a Selected List of Current Periodicals, Foreign and Domestic. 15th Edition. New York: R. R. Bowker Company, 1973-74.

BIBLIOGRAPHY OF BIBLIOGRAPHIES

Introduction. This is a bibliography of bibliographies useful to the person interested in published and unpublished works on African education. Materials have been gathered from libraries and institutions in Africa, Europe, and the United States. Many of the bibliographic references were originally located in one of the secondary sources listed below.[4]

This is a selective listing. Only bibliographies published between 1960 and 1974 have been included. In most cases the topics of the bibliographies also fall at least partially within these dates. However, some of the bibliographies selected also cover publications prior to 1960. Geographical coverage is largely limited to tropical African countries, except where otherwise indicated.

Some bibliographies have been chosen because of their comprehensive coverage either of an area or a topic. (See e.g., Duignan. *Guide to Research and Reference Works on Sub-Saharan Africa*, a massive general bibliography (with fifty pages on education) which is a basic starting point for African research in most disciplines; or Hanson and Gibson. *African Education and Development Since 1960: A select and Annotated Bibliography*; and African Bibliographic Center. *Educational Development in Africa*; the latter two are the best general education bibliographies). Those bibliographies more limited in scope are simply a representative sample; frequently the more specialized bibliographies listed cover topics given little coverage in the more general works.

An overview of the types of bibliographies included in this listing is presented in the following table. It categorizes the items and indicates whether they are in book/monograph or journal form.

Type of Bibliography	Book/ Monograph	Journal	Total	Per Cent
1. Bibliography on education in Africa	40	12	52	27
2. Bibliography on Africa, incl. education	60	10	70	36
3. Bibliography on education, incl. Africa	25	4	29	15
4. Written material on education in Africa, with attached bibliography	19	12	31	16
5. Written material on Africa, incl. education, with attached bibliography	4	1	5	2
6. Written material on education, incl. Africa, with attached bibliography	6	2	8	4
	154	41	195	100

[4]To the extent possible, references were checked by the compiler in the Memorial Library of the University of Wisconsin-Madison. Copies of a few items were obtained by the AER project in visitations to documentation and information centers listed in Appendix A of Part Three.

It is evident that approximately forty-two per cent (81 bibliographies) are specifically on education in Africa (line totals 1 and 3). Many more books than journal articles are included because the latter are only representative and by no means cover all that exists. The table may give a person who wishes to up-date or expand this bibliography an idea of what kinds of sources he is most likely to find.

There are more bibliographies which cover a region such as Sub-Saharan Africa, the continent, or are international in scope than there are those which are limited to a single country. Of the 195 listed, seventy-eight are on an individual African country.

Of the 121 bibliographies which deal with education, approximately sixty are on a specific topic within the field. There are fourteen bibliographies on informal and non-formal education, including African adult education; four on higher education; four on rural life or agricultural education; and eleven on psychology. The latter include three extremely useful volumes: Irvine, Sanders, and Klingelhofer. *Human Behavior in Africa: A Bibliography of Psychological and Related Writings;* Cote d'Ivoire... *Bibliographie Analytique des Recherches Effectuées sur la Psychologie de l'Enfant Africian Anglophone,* and Cote d'Ivoire...*Bibliographie Analytique des Recherches Effectuées sur la Psychologie de l'Enfant Africain Francophone.* There are also two bibliographies on language, three on girls' and women's education; two on teacher training; and two on mathematics education. Other specialized subject bibliographies include environmental education, audiovisual media, school wastage, etc. Obviously there is some overlap in the above topics.

Specialized types of bibliographies included are a few selected directories of library collections, e.g. London. University. Institute of Education. *Catalog of the Collection of Education in Tropical Areas;* and Ibadan. University. *Africana Catalogue of the Ibadan University Library;* proceedings of conferences which include bibliographies (see International Conference on African Bibliography. Nairobi. *Survey of Current Bibliographical Services on Africa;* and Pan-African Catholic Education Conference. *Education in the Service of Africa);* and lists of doctoral dissertations (see African Studies Association. *American Doctoral Dissertations on Africa 1886-1972;* and Parker. *African Education: A Bibliography of 121 U.S.A. Doctoral Dissertations);* and compilations of serials (see Conover. *Serials for African Studies* or E. DeBenko. *Research Sources for African Studies: A Checklist of Relevant Serial Publications).*

No attempt is made to list sources of official publications. The bibliographies may or may not include some government documents, but they are listed only if they include other material as well. Duignan has a general section on official publications and also gives sources of government publications. The U.S. Library of Congress General Reference and Bibliography Division began a series in 1959 on official publications of African countries. These lists are not limited to holdings of the Library of Congress but attempt to be as comprehensive as possible. Nigeria was the first country covered and the project has extended to a majority of the countries in Sub-Saharan Africa. Those completed by 1968 will be found in Duignan.

National bibliographies which combine both government documents and other types of publications are an excellent on-going source of information for publications in an African country, or sometimes those published elsewhere which are country specific. Many national bibliographies are retrospective (see Ghana National Library Board. *Ghana National Bobliography. 1965)*. Those which are on-going have not been included in this bibliography (e.g. Ibadan. University. Library. *Nigerian Publications*, from 1950/52; *Ghana: A Current Bibliography* from September/October 1967-; and Sierra Leone, National Library. *National Bibliography of Sierra Leone*, from 1967-). Exceptions to this are the articles by Bryan Langlands which have been appearing in *Tanzania Notes and Records* since 1965 and constitute a kind of current national bibliography for as long as they continue to appear. Few African countries attempt comprehensive national bibliographies on a continuing basis. Duignan lists those which did in 1968. See also. UNESCO. *Guide to National Bibliographic Information Centres*.

In the bibliography there is a great deal more material on Anglophone than on Francophone countries; this may partially reflect our search but may also be indicative of the amount of research and publication being done on African education in the respective language areas. Refer to Part I of AER. Materials in English, French and German are listed. The bibliography is arranged geographically, as far as is possible, with alphabetical listing by author under geographical headings. The "International " category also includes those which have no particular country, continent or regional base. The "Africa" division brings together works on the continent as a whole and also on regions (e.g. East Africa, West Africa, Sub-Saharan Africa) and those items concerned with more than one country. The annotations are principally descriptive, defining scope and emphasis, but when a bibliography seems particularly good, this has been noted. Where possible, the exact address of the publisher has been included in the citation along with author, compiler, title,date, pagination, and series information. Obscure items have not been listed, so all entries should be located without a great deal of difficulty either at the source of publication or in a research collection.

International and General

Altbach, Philip G. *Higher Education in Developing Countries: A Select Bibliography;* with the assistance of Bradley Nystrom. Cambridge, Mass.: Harvard University, Center for International Affairs, 1970. 118 p. (Harvard University Center for International Affairs, Occasional Papers in International Affairs, 24).
There are 24 pages on African regions and countries, arranged geographically and then by author. No annotations. Books and articles of particular interest are starred. Attempt was made to be comprehensive. No indexes but items pertaining to more than one country are listed in both places.

Altbach, Philip G. "Education and Neocolonialism." *Teachers College Record*, 75, (May, 1970), 543-548.

Ashby, Eric, in association with Mary Anderson. *Universities: British, Indian, African - A Study in the Ecology of Higher Education.* Cambridge, Mass.: Harvard University Press, 1966. 558 p. Bibliography: pp. 525-540.

Bereday, George A.F. *A Bibliography of Sources on Selected Areas in Foreign Education.* New York: Columbia University, Teachers' College, 1972? 62 p.
A bibliography dealing with books concerned with single countries and regions, including Africa and East Asia.

Blaug, Mark. *Economics of Education: A Selected, Annotated Bibliography.* London: Pergamon Press, 1968. 190 p.
A useful bibliography for African nations. Bibliography is divided into "Developed Countries" and "Developing Countries", with further sub-headings and then chronologically. Africa and specific countries can be approached through country index. Items are briefly annotated. Concentrates on published literature in English, French and German, although a few mimeographed papers are included. Unpublished theses are omitted; author as well as country indexes.

Bustow, T. *Bibliographic Review of the Literature on Higher Education* (in *World Year Book of Education, 1971-1972*). Higher education in a changing world; joint editors: Brian Holmes and others. New York: Harcourt, 1971. Bibliography: pp. 384-401.

Colletta, Nat J. *Bibliographies in Non-Formal Education No. 1: Education in Anthropological Perspective.* East Lansing, Mich.: Michigan State University, Institute for International Studies in Education, 1971.
Contains items on the cultural and anthropological aspects of education.

Colletta, Nat J. *Bibliographies in Non-Formal Education No. 2: Non-Formal Educational Programs in Different Geographical Areas of the World.* East Lansing, Mich.: Michigan State University, Institute for International Studies in Education, 1971. Unpaged.
Covers Africa, Asia, Latin America, the Middle East, Europe and the USSR, Canada, Australia and New Zealand, and Island areas.

Colletta, Nat J. *Bibliographies in Non-Formal Education No. 3.* East Lansing, Mich.: Michigan State University, Institute for International Studies in Education, 1971. Unpaged.
Covers rural reconstruction, agricultural extension, community development, media, literacy, industrial and military education, continuing youth and adult education, manpower planning, development strategies, and cost-benefit analysis.

Comparative Education Society, West Coast Branch. *Social Sciences and the Comparative Study of Educational Systems;* edited by Joseph Fischer. Comparative Education Society, 1970. Bibliography: pp. 499-514
Bibliography contains some items related to Africa. Entries are not classed, however, geographically.

Coombs, Philip H. *Attacking Rural Poverty: How Nonformal Education Can Help;* with Manzoor Ahmed, Barbara Baird, Israel, Editor. Washington, D.C.: John Hopkins Press, 1974.
There is a ten page bibliography of published and unpublished materials following a massive discussion of non-formal education. Some items refer specifically to Africa. (An International Research Report prepared for the World Bank by the International council for Educational Development).

"Education for Rural Life." In: *Educational Documentation and Information.* Geneva, Switzerland: International Bureau of Education, Palais Wilson, 1211. 183, (second quarter, 1972), pp. 29-149.
Includes 481 items published since 1965. Entries are annotated and divided into 6 broad categories with author country, and subject indexes. Lists monographs, conference papers, reports by governments and international organizations, and some periodical articles.

"Education in Developing Countries: Symposium." *Soviet Education.* White Plains, NY, 10603: International Arts and Sciences Press, 901 N. Broadway, 14, (August, 1972), pp. 3-96.

Food and Agriculture Organization. *Bibliography on Access of Girls and Women to Education.* (Rome: FAO, 1970). 52 p.
Contains 49 bibliographical entries on Africa South of the Sahara relating to the education of women, particularly as it intersects with their role in agriculture.

Fontvieille, Jean Roger. *Guide Bibliographique du Monde Noir.* v.1, parts 1-2. Yaounde: Ministère de l'Education, de la Culture et de la Formation Professionnelle, Direction des Affaires Culturelles, 1971. 1173 p.
Attempts to bring together all writings on Africa and other parts of the world where black people live. Works included were offered by 25 countries, 12 scientific institutions and four international agencies which took part in the first International Exhibition of African Books, volume 2 : additional items were added. Volume 2 has a subject index with only 15 items on education. More useful for literature and history.

International Bureau of Education. *Annual Educational Bibliography.* Geneva: IBE, 1968. 218 p.
Has not been continued annually. Classified in broad decimal classifications with no subject index or cross-references. Items concerning Africa exist but are few in number and very difficult to locate.

International Institute of Educational Planning. *Educational Planning: A Bibliography.* Paris: IIEP, 1964. 231 p.

Entries are divided into four major categories: the purpose and value of educational planning; the preparation of educational plans; the organization and administration of educational planning; case materials. Author index refers to many documents relevant to Africa, although some documents listed are hard or impossible to acquire.

Johnson, Eleanor. *Bibliography.* Research Analysis Corporation, 1970.
A bibliography of books and articles about education through radio and TV in a variety of countries.

London, University. Institute of Education. *Catalog of the Collection of Education in Tropical Areas.* Boston: G.K. Hall, 1964. 3 v.
Many of the works cited relate to Africa.

London, University. School of Oriental and African Studies. *Library Catalogue.* Second supplement. Boston: 1973. 16 v.

Nussbaum, Mary Johnston. *A Selected Bibliography for Literacy Workers (with Special Reference to Africa).* Revised and enlarged edition. Hartford, Conn.: Hartford Seminary Foundation, 1965. 139 p. (Hartford Studies in Linguistics, no. 16).
Entries are arranged by subject, i.e. teaching reading, literacy campaigns and programs. Some items are annotated. There are author, title, and country indexes, a periodical list, and a list of agencies and organizations.

O'Neil, Ernest D. *The Activities of Out-of-School Youth. Youth Organizations and Related Areas: An Annotated Bibliography.* Pittsburgh, Pa.: University of Pittsburgh School of Education, International and Development Education Program, 1971. 8 p.
Limited bibliography of 32 items from the United States, Europe, and the third world on non-formal educational efforts for out-of-school youth. Critical annotations for entries.

Parker, Franklin. *American Dissertations on Foreign Education: A Bibliography with Abstracts.* IV. Troy, New York: Winston, 1973. 508 p.
Lists 291 dissertations arranged alphabetically by researcher. Those reprinted from *Dissertation Abstracts* include the researcher's statement of problems, experimental procedures, major findings, conclusions. Others are not annotated. Not as complete as Bratton and Schneller's *American Doctoral Dissertations on Africa* but a useful companion volume because of annotations. Includes and author and a subject index.

Paulston, Rolland G. *Non-Formal Education in Development: An Illustrative Annotated Bibliography of Non-School Sector.* University of Pittsburgh, Center for International Studies, International and Development Education Program. 520p.
Non-formal education is defined as that which is structured but which does not advance to a higher level of the hierarchical formal school system. It is distinguished from informal education through exposure to cultural facilities, mass media etc. Of the 875 items, 71 pertain to Africa. Arrangement is by broad topics illustrating "aims, participants and content-of non formal education," with additional sections on area studies and on reference materials. Indexes by author and by area. Index references contain a number of errors. Emphasis on English language publications and on Anglophone Africa. Lengthy list of serials and periodicals with addresses included. Work incorporates earlier monograph publication, *Research on Non-Formal Education: An Annotated International Bibliography of the Non-School Educational Sector*, by same author.

Stanford Research Institute. International Development Center. *Human Resources and Economic Growth: An International Annotated Bibliography on the Role of Education and Training in Economic and Social Development.* Edited by Marian Crites Alexander-Frutschi. Menlo Park, Calif.: SRI, 1963. 398 p.
Arrangements by broad issue and by area. Out of 1150 entries, 31 are on Africa. Others which deal with broad issues have direct relevance to African education. Each entry has a lengthy descriptive annotation. Works are mainly in English. Items are cross-referenced and there are author/organization, and periodical/publisher indexes.

United Nations Education, Scientific and Cultural Organization. *Bibliography on Educational Planning.* Paris: UNESCO, 1963. 96 p. (mimeo).
An extensive bibliography with brief annotations. Much of the material refers to African nations.

United Nations Education, Scientific and Cultural Organization. Bibliographie sur l'Education Permanente. Paris: UNESCO, December 1973. 47 p. (ED/WS/359/Rev.1).
Includes publications in several languages from many countries. First revision. Order from Unité Chargée de l'Education Permanente, UNESCO.

United Nations, Educational, Scientific and Cultural Organization. Third edition. *Guide to National Bibliographical Information Centres.* Paris: UNESCO, Place de Fontenoy, 1970.
Information based on a questionnaire sent to national bibliographic centers. Those not returning the questionnaire were not included. Each center was asked to describe bibliographic resources (catalogs) or publications. African nations responding are Ethiopia, Ghana, Guinea, Nigeria, Senegal, Sierra Leone, Sudan, Tunisia, Uganda, United Arab Republic and Zambia.

Watts, E.R., ed. *Bibliography for Teachers of Agriculture.* Kampala, Uganda: Makerere University, Faculty of Agriculture, 1971. 27 p.

Webster, Maureen. *Educational Planning and Policy: An International Bibliography;* compiled with the assistance of Merys, H.G., Adams, Don, and others. Syracuse, New York: Syracuse University Research Corporation, Educational Policy Research Center, 1969. 2 v. 392 p.
Bibliography: pp. 393-654.
Classified bibliography with author and country indexes. There are 4927 entries of which 63 are on Africa, (v.2). Most items published in mid-60's.

Weeks, Sheldon. "Agricultural Education: A Selected Bibliography." In *Rural Africana: A Newsletter of Research Notes on Rural Politics and Political Anthropology.* East Lansing, Mich.: Michigan State University, African Studies Center. 9, (Fall, 1969), 53-61.
Emphasis on published and unpublished books and articles

International and General (continued)

issued during the '60's. Over 170 annotated entries arranged alphabetically by author. Follows an article: "Agricultural Education in Africa."

Wolcott, Henry F. *Field Study Methods for Educational Researchers: A Bibliography.* Monticello, Illinois, 61856. Council of Planning Librarians, Box 229, 1972.

Zachariah, M. "Educational Aid: A Bibliographic Essay and a Plea for New Lines of Inquiry." In: *Comparative Education*, VI, (June, 1970), 115-123.

Africa

Abernethy, David B. *Political Dilemma of Popular Education: An African Case.* Stanford, California: Stanford University Press, 1969. Bibliography: pp. 331-46.

African Bibliographic Center. *Educational Development in Africa.* Washington, D.C. 20009: ABC, Box 18096, 1973. 93 p.
References and brief annotations for 893 published works divided topically and geographically and representing 43 Anglophone and Francophone countries. Emphasis on adult, agricultural and informal education. Most entries published between 1969 and 1972. Includes a section on continuing resource information, subject index and author index.

African Studies Association. *American Doctoral Dissertations on Africa: 1886-1972;* compiled by Bratton, Michael and Schneller, Anne. Waltham, Ma. 02154: Research Liaison Committee, ASA, Shiffman Center, Brandeis University, 1973.
Arranged by geographic area with subject sub-divisions; the 2540 entries give researcher's name, title of dissertation, where degree granted, when and the number of pages. Covers all of Africa. Tables summarize the totals by year and by country. Author and subject indexes.

Andousset, Gabrielle. "Les Problèmes d'Education et d'Enseignement en Afrique Noire." In *Cooperation et Développement*, Paris (May-June 1971), 13-27. Includes bibliography.

Berbaum, J. *Elements de Bibliographie Concernant la Psychologie en Milieu Africain.* (Abidjan: Institut de Recherches Pédagogiques, Ministère de l'Education Nationale de la République de Côte d'Ivoire, 1969). 28 p.
Of the 160 entries, 64 concern methods of studying and testing personality, apptitude, development, etc; 48 are on general psychology including personality, attitudes intelligence and aptitude, 48 are on the psychology of the child and adolescent. Most of the items are in French.

Bichat-Gout. "Bibliographie Choisie." *Cooperation Pédagogique.* Vanves (Seine), France: Institut Pédagogique National, SERPED, 60, Boulevard du Lycee. 6, (april-June, 1964), 24-27.
Articles on the psychology of the African, including tests and testing. All in French.

Bloomfield, Valerie. *SCOLMA Conference on the Acquisition of Material from Africa.* Conference on the Acquisition of materials from Africa, University of Birmingham, 1969. *Reports and Papers;* compiled by Valerie Bloomfield, Zurich, Switzerland. International Documentation Company, 1969.
Reports on various African countries concerning state of government documents, periodicals, etc. Lists bibliographies where they are available. Items are in a discursive form.

Boston University. African Studies Program. *Selected African Bibliographies.* Cameroon, Gabon, Ivory Coast, Morocco Rwanda and Burundi and Tunisia. Prepared for AID by Edouard Bustin. Boston: African Studies Program.
These bibliographies may be located in certain libraries under the individual names.

Brasseur, Paule. "The Bibliography of the Countries of French Speaking Black Africa," in *Africana Library Journal*, New York, (Spring, 1971), 13-16.

Brembeck, Coles and Keith, John P. *Education in Emerging Africa: A Select and Annotated Bibliography.* East Lansing, Mich.: Michigan State University, College of Education, 1962. 153 p.
Highly selective bibliography with entries divided into seven broad categories, e.g. education and change, with sub-divisions under each heading of books, documents, and periodicals. Lengthy, discursive annotations. No separate country categories and no indexes so material on a specific place or subject is difficult to locate. Includes books on both formal and non-formal education. Limited to English language publications and periodicals. Most sources from the '50's. Overwhelming number of journal articles are from *Times Education Supplement* or *Journal of Negro Education*, references from a limited number of journals.

Bureau Regional Pour l'Education en Afrique. *Selected Bibliography on Non-Formal Education.* Dakar, Senegal: UNESCO, 1971. 5 p.
A bibliography of 57 publications in both French and English. No annotations.

Case, John H. *Annotated Bibliography on Science and Mathematics Education in Sub-Saharan Africa.* University of Zambia: UNESCO, 1969. 234 p.
Material selected from African countries in which the medium of instruction is English. Bibliography is broken down into two major divisions of science and mathematics, and these divisions are in turn broken down by geographical area. There is an author index, a subject index and lists of libraries and institutions where the materials may be found.

Collison, Robert Lewis. *The SCOLMA Directory of Libraries and Special Collections on Africa.* Third edition. London; 1973.

Conover, Helen Field. *Africa South of the Sahara: A Selected, Annotated List of Writings.* Washington, D.C.: Superintendent of Documents, Government Printing Office, 1963. 354 p.
The 2,173 items are classified under thirty subjects, including education, or by region and country with smaller subject subdivisions when they are more focused. Entries are usually annotated. A special effort is made in each category to stress available bibliographies. Most entries are from 1950's and very early 1960's, so the work is

out-dated and superseded by the Duignan volume to which Conover contributed; but it is useful as a retrospective bibliography.

Conover, Helen Field. *Serial for African Studies.* Washington, D.C.: Superintendent of Documents, Government Printing Office.

Coombe, T.A. and others. *Bibliography of Education in English-Speaking Africa.* Lusaka: University of Zambia, School of Education, 1968.

Côte d'Ivoire. Ministère de l'Education Nationale, *Programme d'Education Télévisuelle 1968-1980: Bibliographie Analytique de Recherches Effectuées Sur la Psychologie de l'Enfant Africain Anglophone.* Volume IV. Paris: UNESCO, 1970?). 146 p.
Selected annotated bibliography of 89 research pieces on child psychology in Anglophone Africa, including entries by African and non-African authors. Written in French. Volume in series coming from television education project supported by UNESCO, not heavily focused on effects of television but on psychology in general.

Côte d'Ivoire, Ministère de l'Education Nationale. *Programme d'Education Télévisuelle, 1968-1980: Bibliographie Analytique des Recherches Effectuées sur la Psychologie de l'Enfant Africain Francophone.* Volume V. Paris: UNESCO, 1970?). 370 p.
Selected annotated bibliography of 119 research pieces on child psychology in Francophone Africa, including entries by African and non-African authors. Annotations are only in French and are in the form of lengthy abstracts. Emphasis on material since the independence of the African countries with 70% of the entries since 1960. Only 1% are earlier than 1950. Informative essay of 75 pages precedes bibliographic entries. No subject index but numerous references to projects in essay. Volume in series coming from television education project supported by UNESCO, not, however, focused on effects of television but on psychology in general.

Couch, Margaret. *Education in Africa: A Select Bibliography.* London: University of London, Institute of Education.
Part 1. *British and Former British Territories in Africa,* 1962. 121 p.
Part 2. *French-Speaking Territories (Former French and Belgian Colonies); Portuguese and Spanish Territories; Ethiopia and Eritrea; Liberia; and General African References,* 1965. 116 p.
Part 1 of the bibliography is arranged by country with form subdivisions such as bibliography, general, primary, etc. Author index. Part 2 is by country and then chronologically. Includes only materials available in the United Kingdom.

Cowan, L.G., O'Connell, J., Scanlon, D., eds. *Education and Nation Building in Africa.* New York: Praeger, 1965. 403 p. Bibliography: pp. 397-403.

DeBenko, Eugene and Butts, Patricia L. *Research Sources for African Studies: A Checklist of Relevant Serial Publications Based on Library Collections at Michigan State University.* East Lansing, Mich.: Michigan State University, African Studies Center, 1968. 384 p.
Unannotated entries of both catalogued and uncatalogued materials. Publications in several languages including English, French, German, Portugese, and Africaans. General index leads to the approximately 70 items on education, some of which are irregular or have uncertain citations.

Dejene, Tekola and Smith, Scott E. *Experiences in Rural Development: A Selected, Annotated Bibliography of Planning, Implementing, and Evaluating Rural Development in Africa.* Washington, D.C.: American Council on Education, Overseas Liaison Committee, 1 Dupont Circle, 1973. 48 p.
More than one-third of the 256 entries are related to education in Africa. They are arranged topically with author and subject indexes. Items are limited to articles, books, and conference papers written in English and French. Most were published in the five years before publication. Small section at the end on rural development in other developing areas.

Descloitres, C. *Bibliographie: La Psychologie Appliquée en Afrique.* Aix-en-Provence, France: Centre Africain des Sciences Humaines Appliquées, 1968. 33 p.
Bibliography divided into materials relating to children and to adults. There are 100 studies in French and 47 in English. Sociological and anthropological studies are excluded.

Dinstel, Marion. *List of French Doctoral Dissertations on Africa, 1884-1961.* Boston: Hall and Company, 1966. 336p.
Unannotated entries are arranged first by area, then alphabetically by author. Of the almost 3000 entries 20 are listed in the subject index under "education," and only four of these are on sub-saharan Africa: three on Madagascar and one on Senegal. Author, area and broad subject indexes are included. No cross references or narrow subject approach.

Dolan, F. *Higher Education in Africa South of the Sahara: Selected Bibliography, 1945-1961.* Washington, D.C.: American Association of University Women Educational Foundation, 1961. 80 p.
A good annotated bibliography, arranged by sources(annual publications, bibliographies, newspapers, periodicals, pamphlets, articles, UN publications and government publications), and indexed by title and author. Mostly English-language sources. No avenue to approach materials on a specific country.

Duignan, Peter. *United States and Canadian Doctoral Dissertations on Africa.* Ann Arbor, Mich.: Xerox University Microfilms, 1973. 33 p.
There are twenty-eight entries on education. Attempts to update, reverse, and correct Library of Congress list of American Doctoral Dissertations on Africa (1962). Covers dissertations 1961-1968 only, (despite the 1973 copyright). superseded by Bratton's *American Doctoral Dissertations on Africa, 1886-1972.* Index by subject, country or region, and key words in the title.

Duignan, Peter and Kenneth M. Glazier. *A Checklist of Serials for African Studies.* Based on libraries of Hoover Institute and Stanford University. Stanford, Calif.: Stanford University, Hoover Institution, 1963. 104 p.
In addition to usual serial titles includes monographic series, some annual reports of institutions, directories,

journals, government debates, gazettes and some more ephemeral publications. Excludes most governmental department reports and book or pamphlet series. Includes 300 more serials and 50 newspapers not in Conover work. Entries include title, publisher, frequency of publication and year started.

Duignan, Peter, ed. Helen F. Conover and Peter Duignan, compilers. *Guide to Research and Reference Works on Sub-Saharan Africa.* Stanford, Calif.: Stanford University, Hoover Institution Press, 1971. 1102 p.
Bibliography compiled over a six year period. First two sections on research organizations, libraries, etc. and the second on general bibliographies including serials and official publications. Have been only slightly up-dated since 1968. Parts IV and V on specific subject areas and countries include material through 1969/1970. Most items are annotated, sometimes critically, and usually have been examined. Approximately 50 of the 3127 items are specifically on education but many of the more general works are useful for leading to other sources. Entries in English, French, German, Italian, Spanish, Portuguese, Slavic languages, Arabic and Africaans. Author/title/subject index could be more complete. Extremely thorough compilation.

Elrow, Marie. "Scolarisation et Promotion Feminines en Afrique: Cote d'Ivoire, Haute Volta, Sénégal," *Rural Tiers-Monde*, Paris, (January/March, 1972), 81-83.
Women and education in French-speaking Africa.

Evans, Judith L. *Children in Africa: A Review of Psychological Research.* New York: Teacher's College, Columbia University, 1970. 115 p.
A chronologically organized overview of psychological research in Africa from 1900 to 1969, divided into the following topics: (1) a philosophical analysis of the African mind, (2) attempts to test intelligence, (3) physiological growth as related to cognitive growth, (4) the socialization process as affected by a)child-rearing practice, b)education, c)the acculturative process, (5) cognitive development, as well as (6) bibliographies of related material, and (7) methodology. A review of current proposed research with children in Africa.

Food and Agriculture Organization of the United Nations. *A Selected List of Books and Periodicals for Agricultural Education and Training in Africa.* Rome: FAO, 1968. 132 p. Also available from ERIC Document reproduction Center, Suite 630, 1 Dupont Circle, Washington D.C.
Entries are classified under broad subject headings. Grading symbol by books and pamphlets indicates advanced or intermediate standard. Lists in-print as well as out-of-print entries. Includes an author index and list of periodicals.

Freitag, Ruth S., under direction of Conrad C. Running and Walter W. Deshle, for the Library of Congress. *Agricultural Development Schemes in Sub-Saharan Africa: A Bibliography.* Washington, D.C. Superintendent of Documents, Government Printing Office.
Arrangement is by area, then country. Education items are listed in subject index under "agriculture education and extension". Annotations are descriptive and occasionally evaluative. Most items pre-1960's.

Gardinier, D.E. "Education in the States of Equatorial Africa: A bibliographical Essay." *Africana Library Journal*, 3, (Autumn 1972), 7-20.

Gerling, Anthea. *Bibliography of African Bibliographies.* Cambridge, England: Cambridge University, African Studies Centre, 1968. 138 p. (mimeo). (Occasional Papers, no. 1)
Attempts to be as complete as possible. Coverage of bibliographical material on Africa from earliest times through 1966. Arranged by region, then country. No subject approach, so items have to be obtained through a country by country approach. Produced in cooperation with the Centre d'Analyse et de Recherches Documentaires pour l'Afrique Noire, (CARDAN). No annotation except indication of how many entries each bibliography has.

Glazier, Kenneth M. *Africa South of the Sahara: A Select and Annotated Bibliography, 1964-1968.* Stanford, Calif.: Stanford University, Hoover Institute on War, Revolution and Peace, 1969. 139 p.
A continuation of the 1964 publication *Africa South of the Sahara: A Select and Annotated Bibliography 1958-1963.* Criteria for inclusion is best sources available. All publications in English, all are annotated. Only four entries are listed in the index under "education" but some general sources may also be valuable.

Hanson, John W. and Gibson, Geoffrey W. *African Education and Development Since 1960: A Select and Annotated Bibliography.* East Lansing, Mich.: Michigan State University, Institute for International Studies in Education and African Studies Center, 1966. 327 p.
Extremely comprehensive bibliography with over 1500 annotated items listed under ten broad categories with further subject and country sub-divisions. Covers many aspects of education not found in other bibliographies. Includes publications in the major European languages. Coverage through January 1966. Cross-referencing takes the place of place and topic indexes. An author index is included. Lists addresses of journals and serials frequently cited, but excludes ministry reports, school syllabi and textbooks as well as methods of teacher training.

Harvard University. Graduate School of Business Administration. *Bibliography, Cases, and Other Materials for the Teaching of Business Administration in Africa and the Middle East. Comparative Index.* Boston: Harvard University, 1969. 328 p.

Hoorweg, J.C. and N.C. Marais. *Psychology in Africa: A Bibliography.* Leyden: Afrika-Studiecentrum, 1969). 159 p.
Contains a chapter on educational psychology including attitude and adjustment, special education, guidance and service, personnel, school learning and achievement, teaching method, articles and books in German, French, English. Sources are classified according to broad topics in *Psychological Abstracts*, and there is no cross-referencing or subject index.

Hopkins, J. "Bibliographie des Recherches Psychologiques, Conduites en Afrique," *Revue de Psychologie Appliquée*, XII, 3, (1962), 201-213.
Entries are arranged under general topics including general psychology, attitudes, personality, etc. Only one-fourth of the entries are in French with the others in English.

Africa (continued)

Ibadan, University Library. *Africana Catalogue of the Ibadan University Library.* Boston: C.K. Hall, 1973. 2 volumes.

International Conference on African Bibliography, Nairobi, December 1967. *Survey of Current Bibliographical services on Africa.* London: International African Institute, 1967. 1 volume.
Information given includes address of organization, bibliographies issued, compiler, frequency, subscription cost, circulation figures, number of items, promptness of service (date of entries in current issue), scope of bibliography, and whether abstracts or annotations are provided.

International African Institute. *Cumulative Bibliography of African Studies: Classified Catalogue.* Boston: C.K. Hall, 1973.
There is also an author catalogue.

Irvine, S.H., Sanders, J.F. and Klingelhofer, E.L. *Human Behavior in Africa: A Bibliography of Psychological nad Related Writings.* (Volume 8, no. 2, Special Bibliographic Series). Westport, Conn.: Greenwood Press for African Bibliographic Center. Arranged in nine general sections with subdivisions based on categories in *Psychological Abstracts*, including research using laboratory procedures, human development including studies in infancy, adolescence and parent-child behaviour patterns, research on social change and attitudes, personality and ability, industrial psychology and clinical disorders. The 2816 entries from books and journals are unannotated. Coverage is extended to all sub-Saharan Africa including South Africa. Publications appearing between 1950 and 1970 are included. There are author and geographic indices, the latter divided by Anglophone and Francophone areas reflecting the authors observation that psychological research traditions in the two language areas differ considerably. In the place of cross-referencing or subject index, the authors have repeated an entry in as many sections as it seemed appropriate. A work of major importance since much African educational research is being done in this area.

Jolly, Richard, ed. *Education in Africa: Research and Action.*
Papers presented at the biennial conference of the African Studies Association of the UK held at the University of Sussex in September 1968. Issues deal with improving policy in education in Africa, African trends in educational structure, new approaches and attitudes, curriculum, abilities, Islamic education, and supporting services. A list of references is found at the end of most chapters.

Kabasele, D. *Eléments de Bibliographie sur la Psychologie de l'Enfant Africain.* (Paris: Institut Pédagogique National, Service d'Etudes et de Recherches Pédagogiques pour les Pays en Voie de Développement, 1965). 116 p.
A total of 297 entries with 85 on the African child in general, 81 on the adult, 51 specifically on the Zairean (Congolese) child and 80 on the Zairean adult. Most entries are in French. Touches on subjects related to psychology.

Kajubi, W.S. "New Directions in Teacher Education in East Africa," *International Review of Education*, 2, (1971), 197-210. (Den Gaag, Holland: Lange Voorhoul 9-11, Box 269)

Kay, S. and Nystrom, B. "Education and Colonialism in Africa: An Annotated Bibliography," *Comparative Education Review*, 415, (June, 1971), 240-259.

Kerr, G.B. "Selected Bibliography in Communication," *Canadian Journal of African Studies*, III, 1, (1969), 248-256.
About 250 entries under headings including communications research, radio and television, films and film production and instruction media in schools.

Klingelhofer, Edward L. *A Bibliography of Psychological Research and Writings on Africa.* Dar-es-Salaam, Tanzania: University of East Africa, 1967.
Material incorporated with and updated by Irvine, Sanders Klingelhofer. *Human Behavior in Africa: A Bibliography of Psychological and Related Writings.*

Klitgaard, S.A. *Educational Books in West, Central and East Africa.* Copenhagen: Danish National Commission for UNESCO, 1966. 74 p.
Grade books, including textbooks.

Kotei, S.I.A. *A Bibliography of English-Speaking Africa for the Year 1969. Excluding Countries Currently Publishing National Bibliographies.* Paris: UNESCO, 1971. 95 p.

Kotei, S.I.A. "Some Notes on the Present State of National Bibliography on English-Speaking Africa," *African Library Journal*, New York, (Winter, 1971), 13-18.

Lewis, L.J. "Getting Good Teachers for Developing Countries," *International Review of Education*, 16, 4, (1971), 393-407.

Library of Congress. African Section, Reference Department, General Reference and Bibliography Division. *Sub-Saharan Africa: A Guide to Serials.* (Washington: LC, 1970), 409 p.

Loken, Robert D. *Manpower Development in Africa.* New York: Praeger, 1969. 152 p. Bibliography: pp. 147-152.
Text includes a chapter on the role and problems of education. Bibliography covers information in entire book so item by item check is necessary to determine publications relevant to education.

Lystad, Robert A. *The African World: A Survey of Social Research.* New York: Praeger, 1965. 575 p. Includes bibliography.

London, Commonwealth Institute. *Education in the Commonwealth.* The Institute, 1968. 23 p.
Selected reading lists for advanced study.

London, University. *Education in Africa: A Select Bibliography, Parts I and II.* (London: Institute of Education, University of London, 1962 and 1965).
Classified according to theme and country. Part I deals with former British African territories and Part II with other African countries.

Africa (continued)

Maison des Sciences de l'Homme. Service d'Echange d'Informations Scientifiques. *Liste Mondiale des Periodiques Specialisées.* Paris: Mouton, 1969.
Headings are in French and English. Entries are in language of publication listed by countries with subject, location, institution and title indexes. Includes title, address, date of publication, and in some cases an analysis of contents.

Matthews, Daniel G. *Communist Bloc Educational Assistance and Cultural Exchanges with African Countries, 1965-1966.* Washington, D.C.: African Bibliographic Center, 1966. 19 p.
Bibliography pp. 15-19.

Mezirow, J.D. and Epley, David. *Adult Education in Developing Countries: A Bibliography.* Pittsburgh: University of Pittsburgh, School of Education, The International Education Clearinghouse of the International and Development Education Program, 1965. 120 p.
Entries arranged alphabetically and by topic. Items are cross-referenced. Materials cited are almost all on the non-formal, non-school sector.

Molnos, Angela. *Development in Africa, Planning and Implementation: A Bibliography (1946-1969) with Emphasis on Kenya, Tanzania and Uganda.* Information Circular No. 3. Nairobi: East African Academy Research Information Center, 1970. 120 p.
Emphasizes agriculture and includes items on non-formal education activities.

Molnos, Angela. *Die Sozialwissenschaftliche Erforschung Ostafrikas 1954-1963.* Berlin: Springer-Verlag, 1965. 304 p.
Bibliography pp. 148-256. Social research conducted between 1954 and 1963 in Kenya, Tanzania and Uganda.

Murtagh, Donald David. *Education for Librarianship in Africa: a Bibliography.* Johannesburg: University of the Witwatersrand, 1968.

Mutibwa, Olivia M.N. *Education in East Africa 1970: A Selected Bibliography.* Kampala, Uganda: Makerere University Library, 1971. 100 p.
Compiled for Makerere Education Library covering the period 1962-1963 and a section on work in progress in 1969. Indexed but not annotated.

Oshin, N.R.O. *Education in West Afr[illegible]: A Bibliography.* Yaba, Lagos, Nigeria: West African Examinations Council, Test Development and Research Office, 1969. 55 p. (Occasional publication, no. 1).
Entries listed by type of publication, e.g. books articles, pamphlets, government publications, dissertations. Author index.

Pan-African Catholic Education Conference, Leopoldville, August 16-23, 1965. *Catholic Education in the Service of Africa: Report of the Pan-African Catholic Education Conference.* Brussels: Regional Secretariat for Africa and Madagascar, Catholic International Education Office, 1966. 532 p.
Includes bibliographies.

Paris, University. Institut d'Etude du Développement Economique et Social. *Bibliographie: Rôle de l'Education dans le Passage de l'Economie de Subsistance a l'Economie de Marché: L'Afrique Tropicale d'Expression Française.* Paris: IEDES, 1964. 45 p. (mimeo).
An annotated bibliography on the role of education in economic development in French Tropical Africa.

Parker, Franklin. *African Education: A Bibliography of 121 U.S.A. Doctoral Dissertations.* Washington,D.C.: WCOTP, 1965. 48 p.
Dissertations are followed by abstracts, taken from *Dissertation Abstracts.* Arrangement is by author with a subject index.

Paulme, Denis, ed. *Women of Tropical Africa.* London: Routledge and Kegan Paul, 1963. Bibliography: pp. 277-293.

Rial, Jacques. *Inventaire des Thèses Suisses Consacrées à l'Afrique au Sud du Sahara, à l'Ethiopie et à Madagascar, 1897-1970.* (Berne: Commission Nationale Suisse pour l'UNESCO, 1972). 35 p.
114 entries in alphabetical order by author, with an analytical index and a chronological index at the end.

Rousseau, M.H. *A Bibliography of African Education in the Federation of Rhodesia and Nyasaland, 1890-1958.* Cape Town, South Africa: University of Cape Town Libraries, 1969. 29 p.

Ruth Sloan Associates, Washington, D.C. *The Educated African: A Country-By-Country Survey of Educational Development in Africa.* Edited by Helen Kitchen. New York: Praeger, 1962. 542 p.
Bibliographical footnotes.

Sasnett, Martena Tenney, and Sepmeyer, Inez Hopkins. *Educational Systems of Africa: Interpretations for use in the Evaluation of Academic Credentials.* Calif.: University of California, 1966. Bibliography: pp. 1516-1550.
Extensive bibliography.

Service d'Etudes et de Recherches Pédagogiques pour les Pays en Voie de Développement. *Alphabetisation et Education des Adultes en Afrique Noire et dans les Pays en Voie de Développement: Choix de Documents en Lecture au SERPED.* Vanves, France: SERPED, 1965. 34 p.
Entries are divided according to types of documents, sources, general problems and specific projects. Most useful for Francophone Africa.

Sheffield, James R., and Diejomaoh, Victor P. *Non-Formal Education in African Development.* New York: African-American Institute, 1971. 353 p. Bibliography: pp. 226-246.
Annotated bibliography includes published and unpublished books, articles, monographs, seminar and conference reports. Emphasis on English, but some materials in French included. Brief lists of periodicals, of major research centers in African education and development, and major technical assistance agencies in African development precede bibliography.

Shields, James J. *A Selected Bibliography on Education in East Africa, 1941-1961.* Kampala, Uganda: Makerere University College, 1962. 39 p. (Makerere Library

Africa (continued)

Publications, no. 2).
Items in bibliography are all in the Makerere Library with the exception of some of the older publications of the Education Departments. No annotations. Contains books, reports, and articles. Arrangement by country (Tanganyika and Zanzibar before the union) with no indexes.

Stanford, University, Hoover Institution. *United States and Canadian Publications and Theses on Africa.* Stanford, California: Stanford University, Hoover Institution, 1962.
Originally published by the Library of Congress; 1962 issue covered the year 1960. The survey is as complete a list as possible of books, pamphlets, documents, essays in collective works, periodical articles of more than news value and (beginning with the volume for 1965) doctoral theses on Africa South of the Sahara. Arrangement is first by subject and then by region and country. Subject and geographical index also provided.

Standing Conference on Library Materials on Africa. *United Kingdom Publications and Theses on Africa.* Annual listing which may have discontinued publication. Originally only a record of theses. Now includes published books and articles. The general section is divided into subject headings; the second section is arranged by country and region.

Strowbridge, Nancy A., compiler. *Education in East Africa, 1962-1968: A Selected Bibliography.* Kampala, Uganda: Makerere University College Library for National Institute of Education, 1969. 35 p. (Publication no. 5). Supplemented by *Education in East Africa, 1970 and Index 1962-1970.*
Useful publication of 456 items divided by country. Presents a survey of educational research done after independence and up to 1968. Originally intended as a continuation of Shields' *Bibliography on Education in East Africa.* Includes published and unpublished works, material relating to Africa in general is omitted. Education includes "university research, literacy, specialized training, manpower planning, student attitudes and developmental psychology." Excluded is traditional indigenous education. Subject index. Supplement adds 137 new entries and a useful index.

UNESCO Regional Centre for Educational Information and Research in Africa. *Educational Psychology in Africa: Some Notes Concerning Current Research in Brazzaville, Kinshasa, Abidjan, Makerere.* Accra: UNESCO, P.O.Box 2739, 1968. 34 p.
A bilingual annotated bibliography of research and experiments in progress in educational psychology in Africa, designed primarily to serve as a link between Advanced Teacher Training Colleges and the Faculties and Institutes of Education.

U.S. Library of Congress African Section. *A List of Doctoral Dissertations on Africa.* Washington, D.C: Library of Congress, General Reference and Bibliography Division, Reference Department, 1962. 69 p.
Covers dissertations accepted by universities in the United States and Canada from the late 19th century through the academic year of 1960-1961. Of the 700 listed, 80 are on education-related topics. Of these, 36 cover tropical Africa with the other 44 on Egypt and South Africa. Arranged alphabetically by author with an index by both country and key word in title. Includes list of sources. Updated by Bratton and Schnaller, *American Doctoral Dissertations on Africa, 1886-1972.*

Vautier, R. "Le Tiers Monde à la Recherche d'une Education pour le Développement: l'Utilisation des Techniques Audio-Visuelles, Elêments de Bibliographie," *Genève-Afrique,* V, 1, (1966), 89-94.

Wallenius, Anna B. *Africa Scandinavica, 1960-1968: Books on Africa Published in Denmark, Finland, Norway and Sweden: A Selected Bibliography.* Uppsala: Scandinavian Institute of African Studies, 1971. 104 p.
Titles of all items translated into English. Supplements planned for every 2-3 years.

Trudeau, E. *Higher Education in English Speaking Africa: An Annotated Bibliography.* Montreal: 1964.

Yates, Barbara A. "A Bibliography on Special Problems in Education in Tropical Africa." *Comparative Education Review,* 8,(December, 1964), 307-319.
Problems in African education treated in detail in 100 selections. Includes the role of education in the process of modernization, technical and vocational education, education of women, teachers and their training, language and education, higher education, adult education, community development and educational assistance to Africa.

Yates, Barbara A. "Educational Policy and Practice in Tropical Africa: A General Bibliography." *Comparative Education Review,* 8,(October, 1964), 215-228.
A Cross-section of official reports and secondary analyses useful in giving an overall view of the history of educational development in tropical Africa and for the general graduate student in comparative education. Confined to published works, arranged in three categories, one of which is bibliographies on African education.

Cameroon

Billard, Pierre. *Le Cameroun Fédéral: Volume II, Essai de Geographie Humaine et Economique.* Lyon: Imprimeris des Beaux-Arts, 1968. 399 p.
Bibliography: pp. 367-371.

Vernon-Jackson, Hugh O.H. *Language, Schools and Government in Cameroon.* New York: Columbia University Center for Education in Africa, Teachers College Press, 1967. Bibliography: pp. 29-31.

Chad

Lebeuf, J.P. *Bibliographie du Tchad.* Fort-Lamy: Institut National Tchadien pour les Sciences Humaines, 1968. 243 p. (Etudes et Documents Tchadiens, serie A:4).
Lists in alphabetical order over 2,000 items (printed or cyclostyled), books, articles, pamphlets, etc. Has a subject index.

Congo-Brazzaville

Bureau pour le Développement de la Production Agricole. *Répertoire Bibliographique: Republique du Congo-*

Congo-Brazzaville (continued)

Brazzaville. Paris: Bureau pour le Développement de la Production Agricole, 1965. 112 p.
Lists 867 works, including books, articles, arranged by subject.

Jacquot, Andre. *Catalogue des Publications et Rapports du Service des Sciences Humaines, 1949-1967*. Brazzaville: Office de la Recherce Scientifique et Technique Outre-Mer, 1968. 91 p.
Includes published and unpublished books, articles, and reports by 25 researchers and technicians associated with the Centre ORSTOM at Brazzaville. Arrangement is alphabetical by author, subject, and region.

Dahomey

Silva, Guillaume da. "Contribution à la Bibliographie du Dahomey," *Etudes Dahoméennes*, III, 12, (January, 1969) 1969 p.
Contains authors G-Z. Authors A-F appeared in volume 2, no. 12. There is an index of broad subjects. Includes articles, monographs, newspaper articles, and government publications. Based on the collection of the Institut de Recherches Appliquées du Dahomey.

Ethiopia

Bibliography of Publications on Ethiopian Education. Addis Ababa: Educational Research and Curriculum Library, 1969. 13 p.

Matthews, Daniel G. *Ethiopian Outline: A Bibliographic Research Guide*. Washington, D.C.: African Bibliographic Center, Box 13096, 1966. 17 p. (Special Bibliographic Series, volume 4 no. 3).
Continuation of author's earlier work.

Matthews, Daniel G. *A Current Bibliography on Ethiopian Affairs*. Washington, D.C.: African Bibliographic Center, 1965. 46 p. (Special Bibliographic Series, volume 9, No. 3).
Bibliography attempts to be comprehensive. Is a revision of Ethiopia, 1950-1962, arrangement is by subject. Most of the 23 articles on education come from journals and all are in English although the bibliography includes works in Russian, French, German, Italian, and other languages. Entries are arranged by subject, and there is an author index.

Sommer, John W. *A Study Guide for Ethiopia and the Horn of Africa*. Boston: African Studies Center, 1969).
Includes Bibliography.
Bibliography is divided into seven sections with education coming under "social change." There is a short discussion in each section followed by bibliographic entries. Items from books, articles, and reports are included. Volume was prepared to familiarize USAID personnel with Ethiopia. Is generally useful. No indexes.

Gabon

Weinstein, Brian. "Gabon: A Bibliographic Essay," *Africana Newsletter*, I, 4, (Winter, 1963), 4-9.
Description of basic books, articles and periodicals.

Gambia

Gamble, David P. *Bibliography of the Gambia*. Barthurst: Government Printer, 1967. 154 p. Revised and enlarged.
Approximately 1600 entries are classified and arranged in chronological order under subheadings. Books articles, government documents and some theses and typescript items are included. Most of the 45 items on education are pre-1960. Unannotated, author index only.

Ghana

Aguolu, Christian Chukurinedu. *Ghana in the Social Sciences, 1900-1971: A Bibliography*. Metuchen, N.J.: Scarecrow Press, 1973. 469 p.
Title is misleading in that many of the 4309 entries are on Africa in general, rather than specially on Ghana. Almost all of the 100 items on education cover the continent or even developing areas. Additional educational entries under "librarianship," "linguistics," etc. List of official publications, Ghanaian periodicals and non-Ghanaian periodicals, (the latter annotated) are excellent; author index, no subject approach except broad classification. No cross-referencing.

Bampoe, D.O. *Bibliographical Source Material on Ghanian Education*. Cape Coast, Ghana: University College of Cape Coast, 1968.

Ghana Library Board. Research Library on African Affairs. *Ghana National Bibliography, 1965*. Compiled by E. Oko Oddoye and Teresa Gyedu. Accra: Ghana Library Board, 1968. 51 p.

Graham, Charles K. *History of Education in Ghana: From the Earliest Times to the Declaration of Independence*. London: 67 Great Russell St. 71 p. Bibliography: pp. 193-212.

Kafe, Joseph Kofi. *Ghana: An Annotated Bibliography of Academic Theses 1930-1970 in the Commonwealth, the Republic of Ireland and the United States of America*. Boston: C.K. Hall, 1973. 219 p.
Extensive list with 522 entries, most of which are annotated; arrangement by subject with appendices listing dissertations by country and then institution and giving related dissertations and sources used by the compiler. Author index.

Guinea

Lalande-Isnard, Fanny. "Ouvrages Publies en Guinée de 2 Octobre 1958 au 31 Decembre 1963." *Recherches Africaines*. Conakry: 1964.
Journal plans to publish in its first issue each year a national bibliography covering publications of the preceding year.

Kenya

Brownstein, Lewis. *Education and Development in Rural Kenya: A Study of Primary School Graduates*. New York: Praeger, 1972. Bibliography: pp. 207-212.

Bureau of Educational Research, University of Nairobi. *List of Publications - January, 1974: Staff Papers*. Nairobi: University of Nairobi
(Bureau of Educational Research, University of Nairobi, P.O.Box 30197), 1974. 8 p.
List of publications and theses, most dealing with children and largely anthropological in approach.

Kenya (continued)

Kornadt, H.J., Voigt, E. *Empirischer Beitrag Zur Sozialpsychologischen Funktion Der Schule, Besonders Der Sekundarschule. Teil 2.* Saarland, Universitaet. Forschungsstelle Fuer Entwicklungsplanung Germany (Fr). Bundesministerium Fuer Wirtschaftliche Zusammenarbeit Situation Und Entwicklungsprobleme Des Schulsystems in Kenia. Stuttgart, Ernst Klett Verlag, 1970. 263 p. Illustrations, tables. Bibliography: pp. 202-210.

Kornadt, J.J., Koebnick, H.J., and Paul,S. *Das Gegenwaertige Schulsystem und Sein Sozioookonomischer Hintergrund. Teil 1.* Saarland, Universitaet. Forschungsstelle Fuer Entwicklungsplanung Germany (Fr). Bundesministerium Fuer Wirtschftliche Zusammenarbeit Situation Und Entwicklungsprobleme Des Schulsystems in Kenia. Stuttgart, Ernst Klett Verlag, 1968. 210 p. Tables. Bibliography: pp. 154-161.

Martin, L.A. *Education in Kenya Before Independence: An Annotated Bibliography.* Syracuse, New York: Syracuse University, 1969. 196 p.
Approximately 1450 entries.

Olson, J.B. "Secondary Schools and Elites in Kenya: A Comparative Study of Students in 1961 and 1968." *Comparative Education Review,* 16(February, 1972), 44-53.

Stabler, Ernest. *Education Since Uhuru: The Schools of Kenya.* Middleton, Conn.: Wesleyan University Press, 1969. Bibliography: pp. 177-179.
Selective bibliography includes 20 books and articles, 6 committee, commission, and conference reports, and 14 Kenya Government documents.

Urch, G.E. "Language and the Schools in Kenya." *School and Society,* New York, 10023: Society for the Advancement of Education, Inc., 1860 Broadway, 99,(October, 1971), 373-377.

Webster, John B. and others. *A Bibliography on Kenya.* Syracuse, N.Y.: Syracuse University, Maxwell Graduate School of Citizenship and Public Affairs, 1967. 461 p. (Syracuse University, Eastern African Bibliographical Series, no. 2).
The 7,210 entries include books, articles, government publications, dissertations, and conference papers in many European and East African languages. Arrangement is by subject, including 173 entries on education and 63 on pedagogy of teaching Swahili. Articles on East Africa listed also.

Thias, H.H., Carnoy, M. *Cost-Benefit Analysis in Education: A Case Study of Kenya.* Washington, 1972. XV, 193 p. (World Bank Staff Occasional Papers, No. 14). Bibliography: pp. 191-193.

Liberia

Berman, E.H. "Tuskegee in Africa," *Journal of Negro Education,* Washington, D.C. 20001: Howard University, 41(Spring, 1972), 99-112.

Gay, John H., and Cole, Michael. *New Mathematics and an Old Culture; A Study of Learning Among the Kpelle of Liberia.* New York: Holt, 1967. Bibliography: pp. 97-100.

Holsoe, Svend E. *A Study Guide for Liberia.* Boston, Mass. Boston University, African Studies Center, Development Program, 1967. 32 p.
Includes bibliography. Annotated list of books, articles, and government documents.

Solomon, Marvin D. and Warren L. d'Azevedo. *A General Bibliography of the Republic of Liberia.* Evanston, Ill.: Northwestern University, 1962. 68 p. (Northwestern University Working Papers in Social Science, No. 1).
Over 2,000 entries.

Madagascar

Fleur, Guy. *Bibliographie de Madagascar.* Paris: Fondation Nationale des Sciences Politiques, 1962. 42 p. (Extract from *Revue Francaise de Science Politique,* 12(December, 1962).
Systematic bibliography of works published on Madagascar since 1940.

Madagascar, Université. Bibliotheque. *Bibliographie Annuelle de Madagascar.* Tananarive: Bibliotheque Universitaire et Bibliotheque Nationale, 1966.
Excellent bibliography listing books, monographs, government publications, journal and newspaper articles, and maps and atlases published both in Madagascar and abroad, as well as processed materials and theses. Arrangement is by systematic decimal classification, with entries listed under some 300 headings. Index of authors, titles of anonymous works and new periodicals.

Molet, Louis. "Bibliographie Critique Recente sur Madagascar," *Canadian Journal of African Studies,* I, no. 1, (March, 1967), 51-69.
A systematic and evaluative listing of some 130 important publications (excluding articles). All French titles except eight. Selected on basis of their accessibility, the references cover the period from the 1940's on. Includes an index of authors.

Malawi

Brown, Edward E., Fisher, Carol A, and Webster, John B. *A Bibliography of Malawi.* Syracuse, N.Y.: Maxwell Graduate School of Citizenship and Public Affairs. Program of Eastern African Studies, 1965. 161 p. (Syracuse University, Eastern African Bibliographical Series, No. 1). Also: *A Supplement to a Bibliography on Malawi,* by John B. Webster and Paulus Mohome, 1969.
The most comprehensive available record of writings on Malawi. Entries are classed by subject. Main volume has 58 entries on education and supplement has 26. Supplement adds up items missed by original compilers and more recent publications. Bibliographies were compiled largely from secondary sources and are not annotated. A more extensive review of journals is planned for the future. Main volume has author title indexes. Supplement has author and subject/key word indexes.

Daube, Jonathan. *Education in Malawi: A Bibliography.* Third edition, Limbe, Malawi: University of Malawi, Soche Hill College, Education Department, 1970. 15p.
Bibliography includes 212 sources on all aspects of education in Malawi.

Mali

Brasseur, Paul. *Bibliographie Générale Du Mali (Ancien Soudan Francais et Ancien Haut-Senegal-Niger).* Dakar, Senegal: IFAN, 1964. 461 p. (Catalogue et Documents, no. 16).

Mali (continued)

Comprehensive bibliography containing approximately 5,000 titles, classified by subject. A preliminary list of sources includes maps, periodicals, and bibliographies.

Cutter, Charles, H. "Mali: A Bibliographical Introduction." *African Studies Bulletin*, IX, 3(December, 1966) 74-87.
This bibliographical essay covers the best and most important works concerning Mali and at the same time stresses materials in English and those that have appeared since publication of Brasseur's work.

Mauritania

Blaudin de Thé, Bernard. *Essai de Bibliographie du Sahara Français et de Régions Avoisinantes. Edité avec le Concours de l'Organisation Commune de Régions Sahariennes.* Second edition. Paris: Arts et Metiers Graphiques, Librairie C. Klinksieck, 1960. 258 p.
Contains 9301 references arranged alphabetically under four broad classifications. Concentrates on entire Saharan region including Mauritania, Upper Niger, Mali, and Chad. Articles in French, English, and other European languages.

Gerteiny, Alfred. *Mauritania.* New York: Praeger, 1967. 243 p. Bibliography: pp. 225-234.

Mauritius

Hahn, Lorna with Robert Edison. *Mauritius: A Study and Annotated Bibliography.* Washington, D.C.: The American University, Center for Research in Social Systems, 1969. 44 p.
Bibliography focuses on sociological, economic and political conditions as sources of potential unrest. Since education falls into these topics, there are several useful items. The arrangement is by format of the publication, i.e. book, journal, government document, bibliography and there is no subject index, so items must be picked out individually. Appendix A lists newspapers published in Mauritius and Appendix B lists newspapers currently covering Mauritius. Preceding the bibliography is a short essay. The bibliography attempts to be comprehensive and annotations are long but descriptive rather than evaluative.

Nigeria

Adelabu, Adedeji. "Education in Nigeria: A Selected and Annotated Introductory Bibliographical Survey of Current Resources," *Current Bibliography of African Affairs*, IV, 2, (March, 1971), 78-87.
Includes published and a few unpublished briefly annotated books, articles, reports and lectures in 3 categories: (1) General, (2) Analysis by Level of Education and (3) Analysis by Type of Education. Taken from *Literature of Education in Nigeria, 1842-1970*, a more comprehensive work by same author in process of being published.

Adelabu, Adedeji. "Studies in Trends in Nigeria's Educational Development: An Essay on Sources and Resources, African Studies Review (East Lansing, Michigan), 14, 1, (April, 1971), 102-112.
A bibliographical essay, organized chronologically, dealing with material related to the process and content of cultural transfer in early Nigerian education. Some are related to politics, some are historical in approach, some deal with interaction between tradition and Western influence. The article ends with a list of current main trends.

Adetoro, J.E. *The Handbook of Education in Nigeria.* Third Edition. Ibadan: Town and Gown, 1966. 311 p. Bibliography: pp. 301-311.

Amosu, Margaret. *Nigerian Theses: A List of Theses on Nigerian Subjects and of Theses by Nigerians.* Ibadan: Ibadan University Press, 1965. 36 p.
Almost 500 entries, as well as author and subject indexes.

Armer, M. and Youtz, R. "Formal Education and Individual Modernity in an African Society," *American Journal of Sociology*, 76, (January, 1971), 604-626.
Bibliography contains approximately 45 books and articles, published and unpublished on all areas of Africa. No annotations.

Cornell, F.A. and Snider, J.G. "Aural English Examinations in West Africa," *Educational Research*, 12, (1970), 235-239.

Dipeolu, Jonathan O. *Bibliographical Sources for Nigerian Studies.* Evanston, Ill.: Northwestern University, 1966. 26 p.
Most entries are annotated, some evaluatively. Items include "published library catalogues; general and special bibliographies covering the whole of Africa; reading lists and bibliographies appearing at the end of textbooks; bibliographies devoted specifically to Nigerian topics." There are only five general items on education. Publication lacks both indexes and a table of contents.

Ivers, Hans Dieter, S. von Schwerin and H. Weiler. *Das Erziehungswesen in Ceylon, Israel und Nigeria; eine Bibliographie.* Freiburg im Breisgau, Arbeitsstelle fur Kulturwissenschaftliche Foschung, 1962. 44 p.

Harris, John. *Books About Nigeria: A Select Reading List.* Fifth Edition. Ibadan: Ibadan University Press, 1969. 83 p.
Approximately 25 entries on education, some of which are annotated. Includes only published works. Emphasis is on recent publications.

Kurtz, D.M. "Education and Elite Integration in Nigeria," *Comparative Education Review*, Kent, Ohio: Kent State University, 17, (February, 1973), 58-70.

National Library of Nigeria. *Nigerian Books in Print.* Compiled by the Staff of the National Library of Nigeria in co-operation with Nigerian Publishers Association, December, 1971. Editor: J.A. Dosunmu.
Has a subject index with section on education. Coverage extended to non-members of Nigerian Publishers Association.

Oshin, N.R. and H.A. Odetoyinbo. *Education in Nigeria: Bibliographic Guide.* Lagos, Nigeria: West African Examinations Council, Test and Development Research Office, P.M.B. 1076, Yaba, 1972. 452 p.
Bibliography has for its base inclusions in Oshin's 1969 publication on education in West Africa. The present publication both up-dates that listing and greatly expands the material. *Education in Nigeria* has 2302 entries including both those specifically on Nigeria and those which are more general but include mention of Nigeria. Published and unpub-

Nigeria (continued)

lished works including books, pamphlets, periodical articles, government documents, annual reports and newspaper articles are listed. The bibliography limits itself to works in English published in Nigeria or elsewhere and those which are fairly easy to obtain. It is aimed at students, teachers, administrators, librarians, and research workers. Arranged under 90 specific subject headings with an author title index, only occasional and very brief annotations. Most entries are prior to 1970.

Peshkin, A. "Limitations of Schooling for Planned Political Socialisation: Reflections on Nigeria," *Comparative Education*, Oxford, OX9 8JZ England: Carfax, Haddon House, Dorchester-on-Thames, 8, (Spring, 1972), 63-73.

Weller, Hans N., ed. *Erziehung und Politiok in Nigeria: Education and Politics in Nigeria.* Freiburg: Bombach and Co., 1964. 294 p.
Includes bibliography.

Ruanda

Walraet, Marchel. *Les Sciences au Ruanda: Bibliographie, (1894-1965).* Bruxelles: Bibliotheque Royale de Belgique, 1966. 211 p.
There are 1934 books and articles in five main sections. Arrangement alphabetical by author, tribal names, and place names, and a brief chronological index.

Senegal

Archives du Sénégal. *Bibliographie du Sénégal.* Dakar: Archives du Sénégal 1972-to date. Continues Archives Nationales du Sénégal, 1964-1971.

Johnson, G. Wesley. "Bibliographic Essays: Senegal." *Africana Newsletter*, II, 1, (1964), 10-12.
Evaluative comment on the main sources for education. Many of the references are general for French West Africa rather than specifically relating to Senegal.

Sierra Leone

Williams, Geoffrey, J. *A Bibliography of Sierra Leone, 1925-1967.* New York: Africana Publishing Corporation, 1971.
There are 3047 entries including 299 entries on education. Includes list of dissertations from Fourah Bay College, books, and articles. No annotations.

Zell, Hans M. *A Bibliography of Non-Periodical Literature on Sierra Leone, 1925-1966.* Freetown: University College of Sierra Leone, Fourah Bay College Bookshop, 1966. 44 p.
Intended only as a provisional checklist, with a comprehensive annotated bibliography planned for later publication. Arranged by subject with 18 of 239 unannotated entries on Sierra Leone.

Somalia

African Bibliographic Center. *Somalian Panorama: A Select Bibliographical Survey, 1960-1966.* Washington, D.C.: ABC, Box 13096, 1967. 17 p. (Processed). (Special Bibliographical Series, volume 5, no. 3).

Sudan

Matthews, Daniel G. *A Current Bibliography on Sudanese Affairs: A Select Bibliography from 1960-1966.* Washington, D.C.: ABC, Box 13096, 1965. 28 p. (Special Bibliographic Series, Volume 3, no. 4).
Emphasis on government and religion. Author index. Annotations included only when title is not self-explanatory. Fifteen entries on education. No cross-references. Most of them journal articles.

Sanderson, Lilian M. "A Survey of Material Available for the Study of Educational Development in the Modern Sudan, 1900-1963." *Sudan Notes and Records, 44,* (1963), 69-81.
Quarterly; Semi-annually.

Tanzania

Auger, George A. *Tanzania Education Since Uhuru: Bibliography, 1961-1971.* Dar-es-Salaam, Tanzania: University College, Institute of Education, 1973. 177 p. (Published by the East African Academy, P.O. Box 47288, 1972, Nairobi).

Kurtz, Laura S. *An African Education: The Social Revolution in Tanzania.* Brooklyn: Pageant Poseidon, 1973. 248 p. Bibliography: pp. 217-229.
Exhaustive bibliography through 1969 which includes M.A. and doctoral theses. Government publications, speeches, articles and books are also included. No annotations.

Langlands, Bryan W. "Tanzania Bibliography: 1965 Publications - Part I," *Tanzania Notes and Records,* 65, (March, 1966), 113-122.
Continued: 1965 Publications - Part II; 1966 Publications - Part I, 66, (December, 1966), 231-238; "Tanzania Bibliography 1966, Part II", 67, (June, 1967), 79-88; "Tanzania Bibliography - 1966-1967," 68, (February, 1968), 117-124.
A continuing compilation of publications, including articles, appearing both in Tanzania and abroad.

Togo

France, Office de la Recherche Scientifique et Technique Outre-Mer. Institut de Recherches du Togo. *Liste des Travaux Scientifiques, Rapports et Publications des Chercheurs, (Concernant le Togo).* Paris: ORSTOM, 1962. 16 p. (Mimeo).

Uganda

Evans, David R. *Teachers as Agents of National Development: A Case Study of Uganda.* New York: Praeger, 1971. Bibliography: pp.239-245.

Upper Volta

African Bibliographic Center. *Upper Volta Today, 1960-1967.* Washington, D.C.: ABC, Box 13096, 1968. 37 p. (Special Bibliographic Series, Volume 6, no. 1).
Lists 320 books and articles on Upper Volta. Arrangement is by subject.

Izard, Françoise. *Bibliographie Générale de la Haute-Volta, 1956-1965;* assisted by P.H. Bonnefond and M. d'Huart. Paris: CNRS and Ouagadougou: CVRS, 1967. 300 p.
Lists 1541 entries arranged by subject.

Zaire

Boogaerts, M. "Education in the Congo: A Provisional Systematical Bibliography." *Cahiers Economiques et Sociaux*, V, 2, (June, 1967), 237-265.
Introduction and headings in both French and English. Title of publication in its original language. Arrangement by type of education, e.g. pre-primary, higher education, state and private education, etc. and subjects, e.g. women, education . Includes published and non-published sources. Years after 1960 have many official and non-official government documents.

Bustin, Edouard. *A Study Guide for Congo-Kinshasa*. Boston, Mass.: Boston University, African Studies Center, 1970. 167 p.
Well-done bibliographic survey.

Yates, B.A. "African Reactions to Education: The Congolese Case," *Comparative Education Review*, 15, (1971), 158-171.

Zambia

Bown, Lalage. *African Adult Education: A Bibliography*. Lusaka, Zambia: University of Zambia, Department of Extra-Mural Studies, 1966. 77 p.
Classified according to theme and country.

Parker, Franklin. "African Education in Zambia (Formerly Northern Rhodesia): A Partial Bibliography of Magazine Articles, 1925-1963." *African Studies Bulletin*, X, 3, (December 1967), 6-15.
List of 148 articles arranged chronologically. No Annotations. Sources standard periodicals, indexes, and libraries as well as archives in Zambia and the United Kingdom.